



QY 1 ATGGCGCACTGGCCCGGCGCTGCTGCTGCTCTGCTGGCCCACTGGCTCTGCGGCC 60  
Db 1 ATGGCGCACTGGCCCGGCGCTGCTGCTGCTCTGCTGGCCCACTGGCTCTGCGGCC 60  
QY 61 GCGCCGGAAGCTGGCCCGGCGCTTCAAGCTGCGCTCGGGTGGCGCGGCGCAGAAC 120  
Db 61 GCGCCGGAAGCTGGCCCGGCGCTTCAAGCTGCGCTCGGGTGGCGCGGCGCAGAAC 120  
QY 121 CGCGTAGTTGCGCCCAACCCCGGAGCCCGGAGCCCTGCGAGCGCCAGCGCGCGCTTG 180  
Db 121 CGCGTAGTTGCGCCCAACCCCGGAGCCCGGAGCCCTGCGAGCGCCAGCGCGCTTG 180  
QY 181 GCGCTGCGCTGGAGCGCTGCGCTGGCGTCCCGCGGCGCGCGCACTTCTTGCGCATG 240  
Db 181 GCGCTGCGCTGGAGCGCTGCGCTGGCGTCCCGCGGCGCGCGCACTTCTTGCGCATG 240  
QY 241 GTAGACAACCTGCAGGGGGAAGTCTGGCGCGCTACTAAGTGAAGTGTGATCGGAGCC 300  
Db 241 GTAGACAACCTGCAGGGGGAAGTCTGGCGCGCTACTAAGTGAAGTGTGATCGGAGCC 300  
QY 301 CCGCCGAGAAAGCTACAGATCTCGTTGACACATGGAAGCACTTGGCGTGACAGA 360  
Db 301 CCGCCGAGAAAGCTACAGATCTCGTTGACACATGGAAGCACTTGGCGTGACAGA 360  
QY 361 ACCCGCACTCCTACATAGACAGTACTTTGACAAGAGGTCTAGACATACCGCTCC 420  
Db 361 ACCCGCACTCCTACATAGACAGTACTTTGACAAGAGGTCTAGACATACCGCTCC 420  
QY 421 AAGGCTTTGACGTCAAGTGAAGTACACACAAGAAAGCTGACGCGCTTCTGGGGA 480  
Db 421 AAGGCTTTGACGTCAAGTGAAGTACACACAAGAAAGCTGACGCGCTTCTGGGGA 480  
QY 481 GACCTCGTACCATCCCGCAAGGCTTCAATACTTCTTCTGTGCAATTTGCCACTATT 540  
Db 481 GACCTCGTACCATCCCGCAAGGCTTCAATACTTCTTCTGTGCAATTTGCCACTATT 540  
QY 541 TTGGAATCAGAGAATTTCTTTTGGCTGGGATTAATGGAATGGAATTACTTGGCTAGCT 600  
Db 541 TTGGAATCAGAGAATTTCTTTTGGCTGGGATTAATGGAATGGAATTACTTGGCTAGCT 600  
QY 601 TATGCCACACTTGGCCAGGCATCAAGTCTCTGAGACCTTCTTGAATCTCCCTGCTGACA 660  
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QY 661 CAAGCAACATCCCGCAAGGTTTCTCCATGAGATGTGTGAGCGCGCTTGCGCTGCT 720  
Db 661 CAAGCAACATCCCGCAAGGTTTCTCCATGAGATGTGTGAGCGCGCTTGCGCTGCT 720  
QY 721 GGATCTGGGACCAACGAGGTAGTCTGTCTTGGGTGAATTGAACCAAGTTGTATAA 780  
Db 721 GGATCTGGGACCAACGAGGTAGTCTGTCTTGGGTGAATTGAACCAAGTTGTATAA 780  
QY 781 GGAGACATCTGGTATACCCCTATTAAAGAAAGTGTACTACAGATGAATTTCTGAAA 840  
Db 781 GGAGACATCTGGTATACCCCTATTAAAGAAAGTGTACTACAGATGAATTTCTGAAA 840  
QY 841 TTGGAATTTGAGGCCAAAGCCTTAATCTGACTGCAGAGATTAACGACAGAGGCC 900  
Db 841 TTGGAATTTGAGGCCAAAGCCTTAATCTGACTGCAGAGATTAACGACAGAGGCC 900  
QY 901 ATGTGGACAGTGGCACCAAGCTGCTGCGCTGCCCGAGAGGTGTTGATGCGGTG 960  
Db 901 ATGTGGACAGTGGCACCAAGCTGCTGCGCTGCCCGAGAGGTGTTGATGCGGTG 960  
QY 961 GAAGCTGTGGCGCGCATCTCTGATTTCCAGAAATTTCTGATGTTTCTGACTGGTCC 1020  
Db 961 GAAGCTGTGGCGCGCATCTCTGATTTCCAGAAATTTCTGATGTTTCTGACTGGTCC 1020  
QY 1021 CAGCTGGCGTGTGAGGAATTTGGAACAACCTTGTCTTACTTCCCTAAATCTCCATC 1080  
Db 1021 CAGCTGGCGTGTGAGGAATTTGGAACAACCTTGTCTTACTTCCCTAAATCTCCATC 1080  
QY 1081 TACCTGAGAGATGAGAACTCCAGAGGTCAATCCGTATCACAATCTGCTCAGCTTAC 1140

Db 1081 TACCTGAGAGATGAGAACTCCAGAGGTCAATCCGTATCACAATCTGCTCAGCTTAC 1140  
QY 1141 ATTCAGCCCATGATGGGGCGCGCTGAATTAATGAATGTTACCGATTCCGCAATTC 1200  
Db 1141 ATTCAGCCCATGATGGGGCGCGCTGAATTAATGAATGTTACCGATTCCGCAATTC 1200  
QY 1201 TCCACAAATGCGCTGTGATCGGTGCCACGCGTGAAGAGGCTTCTACGTACTTGAC 1260  
Db 1201 TCCACAAATGCGCTGTGATCGGTGCCACGCGTGAAGAGGCTTCTACGTACTTGAC 1260  
QY 1261 AGAGCCAGAAAGAGGCTGTGATCGGTGCCACGCGTGAAGAGGCTTCTACGTACTTGAC 1320  
Db 1261 AGAGCCAGAAAGAGGCTGTGATCGGTGCCACGCGTGAAGAGGCTTCTACGTACTTGAC 1320  
QY 1321 GTGCTGAATTTCCGGCGCTTCTCAACAGAGATGTAGCCCAACTGTGTCCCGCT 1380  
Db 1321 GTGCTGAATTTCCGGCGCTTCTCAACAGAGATGTAGCCCAACTGTGTCCCGCT 1380  
QY 1381 CAGCTTTGAGCGAGCCCAATTTGTGATGTGTCTTATGCGCTCATGAGCGTCTGTGA 1440  
Db 1381 CAGCTTTGAGCGAGCCCAATTTGTGATGTGTCTTATGCGCTCATGAGCGTCTGTGA 1440  
QY 1441 GCCATCTCTTGTCTTAACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1500  
Db 1441 GCCATCTCTTGTCTTAACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1500  
QY 1501 CGTGAACCTGAGGCTGCTGAATGATGATGCTCTCTGCTGACACATCGCTGAATGATA 1560  
Db 1501 CGTGAACCTGAGGCTGCTGAATGATGATGCTCTCTGCTGACACATCGCTGAATGATA 1560  
QY 1561 GCCAGCGCTGACCTCAAGCAACCATGAACTCACTATTAAGAAATACATTTCCAGGGC 1620  
Db 1561 GCCAGCGCTGACCTCAAGCAACCATGAACTCACTATTAAGAAATACATTTCCAGGGC 1620  
QY 1621 AGCAGCGGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1680  
Db 1621 AGCAGCGGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1680  
QY 1681 GCTCCAGATGCTTCTAGATTCATGCTGCTTGTGATTTCTGATTTCAAGCTTCAATC 1740  
Db 1681 GCTCCAGATGCTTCTAGATTCATGCTGCTTGTGATTTCTGATTTCAAGCTTCAATC 1740  
QY 1741 CTCCTACTTCCAGAAATAATTAATAAATAAATAAATAAATAAATAAATAAATAAATA 1800  
Db 1741 CTCCTACTTCCAGAAATAATTAATAAATAAATAAATAAATAAATAAATAAATAAATA 1800  
QY 1801 AAAA 1804  
Db 1801 AAAA 1804

RESULT 2  
US-09-795-847-1  
Sequence 1, Application US/09795847  
Patent No. US20010018208A1  
GENERAL INFORMATION:  
APPLICANT: Guiney, Mark E.  
APPLICANT: Blenkowski, Michael J.  
APPLICANT: Heinrichson, Robert L.  
APPLICANT: Parodi, Luis A.  
TITLE OF INVENTION: ALZHEIMER'S DISEASE SECRETASE, APP SUBSTRATES THEREFOR, ANT  
TITLE OF INVENTION: USES  
FILE REFERENCE: 28341/6280DE  
CURRENT APPLICATION NUMBER: US/09/795,847  
CURRENT FILING DATE: 2001-02-28  
PRIOR APPLICATION NUMBER: 09/416,901  
PRIOR FILING DATE: 1999-10-13  
PRIOR APPLICATION NUMBER: 60/155,493  
PRIOR FILING DATE: 1999-09-23  
PRIOR APPLICATION NUMBER: 09/404,133

```

; PRIOR FILING DATE: 1999-09-23
; PRIOR APPLICATION NUMBER: PCT/US99/20881
; PRIOR FILING DATE: 1999-09-23
; PRIOR APPLICATION NUMBER: 60/101,594
; PRIOR FILING DATE: 1998-09-24
; NUMBER OF SEQ ID NOS: 73
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 1804
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-795-847-1

```

Query Match	100.0%;	Score 1804;	DB 9;	Length 1804;
Best Local Similarity	100.0%;	Pred. No. 0;		
Matches 1804; Conservative	0;	Mismatches	0;	Indels 0; Gaps 0;

QY	1	ATGGGCGCACTGGGCCCGGGCGCTGCTGCTCCTTGCTGGCCAGTGGCTCCTGCGGCC	60
Db	1	ATGGGCGCACTGGGCCCGGGCGCTGCTGCTCCTTGCTGGCCAGTGGCTCCTGCGGCC	60
QY	61	GCCCCGGAGCTGGCCCCCGCGCCCTTACAGCTGCCCCCGGGTGGCCGCGCCACGAAC	120
Db	61	GCCCCGGAGCTGGCCCCCGCGCCCTTACAGCTGCCCCCGGGTGGCCGCGCCACGAAC	120
QY	121	CGCGTAGTTGGCCCCACCCCGGGAGCCCGGAGCCCTGCGCGAGCCACGCGGACGGCTTG	180
Db	121	CGCGTAGTTGGCCCCACCCCGGGAGCCCGGAGCCCTGCGCGAGCCACGCGGACGGCTTG	180
QY	181	GCGCTCGCCCTGGAGCCTGCCCCGTGCCCCCGCGGCGCGCCAACTTCTTGCCATG	240
Db	181	GCGCTCGCCCTGGAGCCTGCCCCGTGCCCCCGCGGCGCGCCAACTTCTTGCCATG	240
QY	241	GTAGACAACCTGCAGGGGAGCTTGCCCGCGCTACTACCTGGAAGATGCTGATCGGAGC	300
Db	241	GTAGACAACCTGCAGGGGAGCTTGCCCGCGCTACTACCTGGAAGATGCTGATCGGAGC	300
QY	301	CCCCCGCAAGCTACAGATTCTGTTGACACTGGAAGAGTAATTGCGGTGGCAGGA	360
Db	301	CCCCCGCAAGCTACAGATTCTGTTGACACTGGAAGAGTAATTGCGGTGGCAGGA	360
QY	361	ACCCCGCACTCTACATAGACACGTAATTGACACAGAGGTCTAGCACAATCCGCTCC	420
Db	361	ACCCCGCACTCTACATAGACACGTAATTGACACAGAGGTCTAGCACAATCCGCTCC	420
QY	421	AAGGCTTTGACGTACAGTGAAGTACACACAAGAAGCTGGAACGGCTTCGTTGGGGA	480
Db	421	AAGGCTTTGACGTACAGTGAAGTACACACAAGAAGCTGGAACGGCTTCGTTGGGGA	480
QY	481	GACCTCGTCAACCATCCCCAAAGGCTTCATACTCTTTCTGTCAACATTGCCACTATT	540
Db	481	GACCTCGTCAACCATCCCCAAAGGCTTCATACTCTTTCTGTCAACATTGCCACTATT	540
QY	541	TTTGAATCAGAGAATTTCTTTTGCTGGGATTAATGGAATGGAATACTTGGCCTAGCT	600
Db	541	TTTGAATCAGAGAATTTCTTTTGCTGGGATTAATGGAATGGAATACTTGGCCTAGCT	600
QY	601	TATGCCACACTTGCCAAGCCATCAAGTCTCTGAGAGCTTCTTGACTCCCTGGTGACA	660
Db	601	TATGCCACACTTGCCAAGCCATCAAGTCTCTGAGAGCTTCTTGACTCCCTGGTGACA	660
QY	661	CAAGCAACATCCCCAACGTTTCTCCATGCAGATGTGTGGAAGCCGGCTTGCCCGTTGCT	720
Db	661	CAAGCAACATCCCCAACGTTTCTCCATGCAGATGTGTGGAAGCCGGCTTGCCCGTTGCT	720
QY	721	GGATCTGGGACCAACGAGGTAGTCTGTCTTGGGTGGAATTGAACCAAGTTGTATAA	780
Db	721	GGATCTGGGACCAACGAGGTAGTCTGTCTTGGGTGGAATTGAACCAAGTTGTATAA	780
QY	781	GGAGACATCTGCTATACCCCTATTAAAGGAAGTGGTACTACCAAGATAGAAATTCTGAAA	840
Db	781	GGAGACATCTGCTATACCCCTATTAAAGGAAGTGGTACTACCAAGATAGAAATTCTGAAA	840

QY		841	TTGGAAATTGAGGCCAAGAACCCTTAATCTGTGACTGCAGAGATAAACGACAAGGCC	900
Dp		841	TTGGAATTGGAGCCCAAGCCTTAATCTGTGACTGCAGAGATPAACGACAAGGCC	900
QY		901	ATCGTGACAGTGGCACCA CGCTGTGCGCTGCC CAGAAAGGTGTTGATGCGGTGTG	960
Dp		901	ATCGTGACAGTGGCACCA CGCTGTGCGCTGCC CAGAAAGGTGTTGATGCGGTGTG	960
QY		961	GAACTGTGCCCCCGCATCTCTGATTCGAAATCTCTGATGTTTCTGACTGGTCC	1020
Dp		961	GAACTGTGCCCCCGCATCTCTGATTCGAAATCTCTGATGTTTCTGACTGGTCC	1020
QY		1021	CAGCTGCGTGTGGACGAATTGGAACA COTTGTTCTACTTCCCTAAAATCTCCATC	1080
Dp		1021	CAGCTGCGTGTGGACGAATTGGAACA COTTGTTCTACTTCCCTAAAATCTCCATC	1080
QY		1081	TACCTGAGAGATGAGAACTCCAGCAGGTCA TTCGTATCACAATCCTGCTCAGCTTTAC	1140
Dp		1081	TACCTGAGAGATGAGAACTCCAGCAGGTCA TTCGTATCACAATCCTGCTCAGCTTTAC	1140
QY		1141	ATTCAGCCCATGATGGGGGGCCG GCTGAATTATGAA TGTACCGATTGCGCATTTCCCA	1200
Dp		1141	ATTCAGCCCATGATGGGGGGCCG GCTGAATTATGAA TGTACCGATTGCGCATTTCCCA	1200
QY		1201	TCCACA AATGCGCTGTGTATCGGTGCCA CCGTGATGAGAGGCTTCTACGT CATCTTGAC	1260
Dp		1201	TCCACA AATGCGCTGTGTATCGGTGCCA CCGTGATGAGAGGCTTCTACGT CATCTTGAC	1260
QY		1261	AGAGCCCA GAAGAGGTGGGCTTGCAGCAG ACCCCTGTGCAGAAATTGCAGGTGCTGCA	1320
Dp		1261	AGAGCCCA GAAGAGGTGGGCTTGCAGCAG ACCCCTGTGCAGAAATTGCAGGTGCTGCA	1320
QY		1321	GTGTCTGA AATTTCCGGGCTTTCTCAA CAGAGATGTAGCCAGCA CTGTGTCCCGCT	1380
Dp		1321	GTGTCTGA AATTTCCGGGCTTTCTCAA CAGAGATGTAGCCAGCA CTGTGTCCCGCT	1380
QY		1381	CAGTCTTTGACCGAGCCCATTTTGTGTGAT TGTGTCTATGCGCTCATGAGCGTCTGTGA	1440
Dp		1381	CAGTCTTTGACCGAGCCCATTTTGTGTGAT TGTGTCTATGCGCTCATGAGCGTCTGTGA	1440
QY		1441	GCCATCTCTCTTGTCTTAATCGTCTGTGCTGCTGCTGCCGTTCCGGGTGCAGCGTGC GCCC	1500
Dp		1441	GCCATCTCTCTTGTCTTAATCGTCTGTGCTGCTGCTGCCGTTCCGGGTGCAGCGTGC GCCC	1500
QY		1501	CGTGACCTGAGGTCGTCAATGATGAGT CCTCTCTGTGCAGACATCGCTGGAATGAATA	1560
Dp		1501	CGTGACCTGAGGTCGTCAATGATGAGT CCTCTCTGTGCAGACATCGCTGGAATGAATA	1560
QY		1561	GCCAGGCTGACCTCAAGCAACCA TGA ACTCAGCTATTAA GAAAAATCACATTTCCAGGCG	1620
Dp		1561	GCCAGGCTGACCTCAAGCAACCA TGA ACTCAGCTATTAA GAAAAATCACATTTCCAGGCG	1620
QY		1621	AGCAGCCGGGATCGATG GTGGCGTTTCTCCTGTG CCGCACCGCTTCAATCTGTGTTCT	1680
Dp		1621	AGCAGCCGGGATCGATG GTGGCGTTTCTCCTGTG CCGCACCGCTTCAATCTGTGTTCT	1680
QY		1681	GCTCCAGATGCTTCTAGATTC A CTGTCTTTTGAT TCTTGATTTTCCAAGCTTTCAATC	1740
Dp		1681	GCTCCAGATGCTTCTAGATTC A CTGTCTTTTGAT TCTTGATTTTCCAAGCTTTCAATC	1740
QY		1741	CTCCCTACTTCCAAGAAAAATTA TTA AAAAAAAAAA CTTCAITCTAAA CCAAAAAAAAAA	1800
Dp		1741	CTCCCTACTTCCAAGAAAAATTA TTA AAAAAAAAAA CTTCAITCTAAA CCAAAAAAAAAA	1800
QY		1801	AAAA 1804	
Dp		1801	AAAA 1804	

RESULT 3  
US-09-794-743-1  
; Sequence 1, Application US/09794743  
; Patent No. US20010021391A1



```

: GENERAL INFORMATION:
: APPLICANT: Gurney, Mark E.
: APPLICANT: Bienkowski, Michael J.
: APPLICANT: Heintikson, Robert L.
: APPLICANT: Parodi, Luis A.
: APPLICANT: Yan, Riqiang
: TITLE OF INVENTION: ALZHEIMER'S DISEASE SECRETASE, APP SUBSTRATES THEREFOR, AND
: TITLE OF INVENTION: USES
: TITLE OF INVENTION: THEREFOR
: FILE REFERENCE: 28341/6280BC
: CURRENT APPLICATION NUMBER: US/09/794, 743
: PRIOR FILING DATE: 2001-02-27
: PRIOR APPLICATION NUMBER: 09/416, 901
: PRIOR FILING DATE: 1999-10-13
: PRIOR APPLICATION NUMBER: 60/155, 493
: PRIOR FILING DATE: 1999-09-23
: PRIOR APPLICATION NUMBER: 09/404, 133
: PRIOR FILING DATE: 1999-09-23
: PRIOR APPLICATION NUMBER: PCT/US99/20881
: PRIOR FILING DATE: 1999-09-23
: PRIOR APPLICATION NUMBER: 60/101, 594
: PRIOR FILING DATE: 1998-09-24
: NUMBER OF SEQ ID NOS: 73
: SOFTWARE: Patentln Ver. 2.0
: SEQ ID NO 1
: LENGTH: 1804
: TYPE: DNA
: ORGANISM: Homo sapiens
US-09-794-743-1

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Query Match	100.0%	Score 1804;	DB 9;	Length 1804;
Best Local Similarity	100.0%	Pred. No. 0;		
Matches 1804;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;

QY	1	ATGGGCGCACTGGCCCCGGGGCGCTGCTGCTGCCCTCTGCTGGGCCAGTGGCTCTTGCGCGCC	60
Db	1	ATGGGCGCACTGGCCCCGGGGCGCTGCTGCTGCCCTCTGCTGGGCCAGTGGCTCTTGCGCGCC	60
QY	61	GCCCCGGAGCTGGCCCCCGCGCCCTTCA CGCTGCCCTCCGGGTGGCGCGGCCCAAGAAC	120
Db	61	GCCCCGGAGCTGGCCCCCGCGCCCTTCA CGCTGCCCTCCGGGTGGCGGCCCAAGAAC	120
QY	121	CGCGTAGTTGCGCCCCACCCCGGGACCGGGACCCCTGCGCGAGCGCCACGCGGAGCTTG	180
Db	121	CGCGTAGTTGCGCCCCACCCCGGGACCGGGACCCCTGCGCGAGCGCCACGCGGAGCTTG	180
QY	181	GCGCTCGCCCTGGAGCCTGCCCCGTGCGTCCCCCGGCGCGCGCCAACTTCTTGCCATG	240
Db	181	GCGCTCGCCCTGGAGCCTGCCCCGTGCGTCCCCCGGCGCGCGCCAACTTCTTGCCATG	240
QY	241	GTAGACAACCTGCAGGGGGACTGTGGCGCGGCTACTACTGTGAGATGCTGATCGGAGC	300
Db	241	GTAGACAACCTGCAGGGGGACTGTGGCGCGGCTACTACTGTGAGATGCTGATCGGAGC	300
QY	301	CCCCCGGAGAAGCTACAGATTCTCGTTGACACTGGAAGCAATTACTTTGCCGTGGAGGA	360
Db	301	CCCCCGGAGAAGCTACAGATTCTCGTTGACACTGGAAGCAATTACTTTGCCGTGGAGGA	360
QY	361	ACCCCGCACTCCTACATAGACACGTACTTTGACACAGAGAGTCTAGCACATACCGCTCC	420
Db	361	ACCCCGCACTCCTACATAGACACGTACTTTGACACAGAGAGTCTAGCACATACCGCTCC	420
QY	421	AAAGGCTTTGACGTCACAGTGAAGTACACAAAGGAAGCTGACGGGCTTCGTTGGGGAA	480
Db	421	AAAGGCTTTGACGTCACAGTGAAGTACACAAAGGAAGCTGACGGGCTTCGTTGGGGAA	480
QY	481	GACCTGTCACCAATCCCCAAAGGCTTCAATACTTCTTTCTTGTCACATTTGCCACTATT	540
Db	481	GACCTGTCACCAATCCCCAAAGGCTTCAATACTTCTTTCTTGTCACATTTGCCACTATT	540
QY	541	TTTGAATCAGAGAAATTTCTTTTGCCCTGGGATTAATGGAATGGAATACTTGCGCTAGCT	600
Db	541	TTTGAATCAGAGAAATTTCTTTTGCCCTGGGATTAATGGAATGGAATACTTGCGCTAGCT	600

QY	601	TATGCCACACTTGGCAAGCCATCAAGTTCTCTGGAGACCTTCTTGACTCCCTGGTGACA	660
Db	601	TATGCCACACTTGGCAAGCCATCAAGTTCTCTGGAGACCTTCTTGACTCCCTGGTGACA	660
QY	661	CAAGCAACATCCCAACGTTTCTCCATGCAGATGTGTGGAGCCGGCTTGCCCGTTGCT	720
Db	661	CAAGCAACATCCCAACGTTTCTCCATGCAGATGTGTGGAGCCGGCTTGCCCGTTGCT	720
QY	721	GGATCTGGGACCAACGGAGGTAGTCTTGTCTTGGGTGGAATTGAACCAAGTTGTATAAA	780
Db	721	GGATCTGGGACCAACGGAGGTAGTCTTGTCTTGGGTGGAATTGAACCAAGTTGTATAAA	780
QY	781	GGAGACATCTGGTATACCCCTATTAAAGGAAGTGGTACTACCAAGATAGAAATTCTGAAA	840
Db	781	GGAGACATCTGGTATACCCCTATTAAAGGAAGTGGTACTACCAAGATAGAAATTCTGAAA	840
QY	841	TTGAAATTGGAGGCCAAAGCCTTAATCTGCACTGCAGAGATATAACGCAGCAAGGCC	900
Db	841	TTGAAATTGGAGGCCAAAGCCTTAATCTGCACTGCAGAGATATAACGCAGCAAGGCC	900
QY	901	ATCGTGACAGTGGCAACACGCTGCTGCCTGCCCCAGAAAGTGTGTGATCGGTGTG	960
Db	901	ATCGTGACAGTGGCAACACGCTGCTGCCTGCCCCAGAAAGTGTGTGATCGGTGTG	960
QY	961	GAAGCTGTGGCCCGGCATCTCTGATTCAGAAATTCCTGATGTTCTCGACTGGTCC	1020
Db	961	GAAGCTGTGGCCCGGCATCTCTGATTCAGAAATTCCTGATGTTCTCGACTGGTCC	1020
QY	1021	CAGCTGGCGTGTGACGAATTCGAAACACCTTGTTACTTCCCTAAATCTCCATC	1080
Db	1021	CAGCTGGCGTGTGACGAATTCGAAACACCTTGTTACTTCCCTAAATCTCCATC	1080
QY	1081	TACCTGAGAGATGAGAACTCCAGCAGTCAATCCGTATCACAATCCTGCTCAGCTTAC	1140
Db	1081	TACCTGAGAGATGAGAACTCCAGCAGTCAATCCGTATCACAATCCTGCTCAGCTTAC	1140
QY	1141	ATTCAAGCCATGATGGGGCCCGCCTGAATTATGAATGTTACCGATTGGCAATTTCCCA	1200
Db	1141	ATTCAAGCCATGATGGGGCCCGCCTGAATTATGAATGTTACCGATTGGCAATTTCCCA	1200
QY	1201	TCCACAATGCGTGTGATCGGTGCCAGGTGATGAGGGCTTCTACGTCACTTCGAC	1260
Db	1201	TCCACAATGCGTGTGATCGGTGCCAGGTGATGAGGGCTTCTACGTCACTTCGAC	1260
QY	1261	AGAGCCCAAGAAGGTGGGCTTCGACGCAAGCCCTGTGCAGAAATTGCAGGTGCTGCA	1320
Db	1261	AGAGCCCAAGAAGGTGGGCTTCGACGCAAGCCCTGTGCAGAAATTGCAGGTGCTGCA	1320
QY	1321	GTGTCTGAATTTCCGGGCTTCTCAACAGAGATGTAGCCAGCAACTGTGCCCGCT	1380
Db	1321	GTGTCTGAATTTCCGGGCTTCTCAACAGAGATGTAGCCAGCAACTGTGCCCGCT	1380
QY	1381	CAGTCTTTGAGCGAGCCCATTTTGTGATTTGTCTTATGCGCTCATGAGCGTGTGGA	1440
Db	1381	CAGTCTTTGAGCGAGCCCATTTTGTGATTTGTCTTATGCGCTCATGAGCGTGTGGA	1440
QY	1441	GCCATCTCTCTGTCTTAATCGTCTGTGCTGTGCTGCCGTTCCGGTGTCAAGCTGCCCC	1500
Db	1441	GCCATCTCTCTGTCTTAATCGTCTGTGCTGTGCTGCCGTTCCGGTGTCAAGCTGCCCC	1500
QY	1501	CGTGAACCTGAGGTCTCAATGATGAGTCTCTCTGTGTCAAGACATCGCTGGAATGAATA	1560
Db	1501	CGTGAACCTGAGGTCTCAATGATGAGTCTCTCTGTGTCAAGACATCGCTGGAATGAATA	1560
QY	1561	GCCAGGCTGACCTCAAGCAACCATGAACCTAGCTATTAAGAAATCACATTTCCAGGGC	1620
Db	1561	GCCAGGCTGACCTCAAGCAACCATGAACCTAGCTATTAAGAAATCACATTTCCAGGGC	1620
QY	1621	AGCAGCCGGGATCGATGGTGGCGCTTCTCTCTGTGCCCCACCGTCTTCAATCTCTGTTCT	1680
Db	1621	AGCAGCCGGGATCGATGGTGGCGCTTCTCTCTGTGCCCCACCGTCTTCAATCTCTGTTCT	1680



QY	1681	GCTCCAGATG	CCCTCTAGAT	CACTGCTTTGAT	CTGATTTTCAAG	CTTCAAATC	1740
	1681	GCTCCAGATG <td>CCCTCTAGAT <td>CACTGCTTTGAT <td>CTGATTTTCAAG <td>CTTCAAATC <td>1740</td> </td></td></td></td>	CCCTCTAGAT <td>CACTGCTTTGAT <td>CTGATTTTCAAG <td>CTTCAAATC <td>1740</td> </td></td></td>	CACTGCTTTGAT <td>CTGATTTTCAAG <td>CTTCAAATC <td>1740</td> </td></td>	CTGATTTTCAAG <td>CTTCAAATC <td>1740</td> </td>	CTTCAAATC <td>1740</td>	1740
QY	1741	CTCCCTACTT	CCAGAATAATA	TTAAAAAACTT	CAATTTAAAC	CAAAAAAAA	1800
	1741	CTCCCTACTT	CCAGAATAATA	TTAAAAAACTT	CAATTTAAAC	CAAAAAAAA	1800
QY	1801	AAAA	1804				
	1801	AAAA	1804				
Db	1801	AAAA	1804				

## RESULT 4

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US-09-794-748-1
; Sequence 1, Application US/09794748
; Patent No. US20020037315A1
; GENERAL INFORMATION:
; APPLICANT: Gurney, Mark E.
; APPLICANT: Bienkowski, Michael J.
; APPLICANT: Heinrichson, Robert L.
; APPLICANT: Parodi, Luis A.
; APPLICANT: Yan, Riqiang
; TITLE OF INVENTION: ALZHEIMER'S DISEASE SECRETASE, APP SUBSTRATES THEREFOR, AND
; TITLE OF INVENTION: USES
; TITLE OF INVENTION: THEREFOR
; FILE REFERENCE: 28341/62801
; CURRENT APPLICATION NUMBER: US/09/794,748
; PRIOR FILING DATE: 2001-02-27
; PRIOR APPLICATION NUMBER: 09/416,901
; PRIOR FILING DATE: 1999-10-13
; PRIOR APPLICATION NUMBER: 60/155,493
; PRIOR FILING DATE: 1999-09-23
; PRIOR APPLICATION NUMBER: 09/404,133
; PRIOR FILING DATE: 1999-09-23
; PRIOR APPLICATION NUMBER: PCT/US99/20881
; PRIOR FILING DATE: 1999-09-23
; PRIOR APPLICATION NUMBER: 60/101,594
; PRIOR FILING DATE: 1998-09-24
; NUMBER OF SEQ ID NOS: 73
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 1804
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-794-748-1

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Query Match	100.0%;	Score 1804;	DB 9;	Length 1804;
Best Local Similarity	100.0%;	Pred. No. 0;		
Matches 1804; Conservative	0;	Mismatches	0;	Indels 0;
				Gaps 0;

[illegible]

D	b	301	CCCCCGCAGAAAGCTACAGATTCTGTTGACACTGGAAGCAGTAACCTTGCCGTGCGAGGA	360
O	y	361	ACCCCGCACTCCTACATAGACACGTA	420
D	b	361	ACCCCGCACTCCTACATAGACACGTA	420
O	y	421	AAGGCTTTGACGTCAAGTAAAGTACACACAAGAAAGCTGACGGGCTTCGTTGGGAA	480
D	b	421	AAGGCTTTGACGTCAAGTAAAGTACACACAAGAAAGCTGACGGGCTTCGTTGGGAA	480
O	y	481	GACCTCGTCAACATCCCAAGGCTTCAATACCTCTTTCTTGTCACATTTGCCACTAT	540
D	b	481	GACCTCGTCAACATCCCAAGGCTTCAATACCTCTTTCTTGTCACATTTGCCACTAT	540
O	y	541	TTTGAATCAGAGAATTTCTTTTGCCCTGGGATTAATGGAATGGAATACCTTGCCCTAGCT	600
D	b	541	TTTGAATCAGAGAATTTCTTTTGCCCTGGGATTAATGGAATGGAATACCTTGCCCTAGCT	600
O	y	601	TATGCCACACTTGCCCAAGCCATCAAGTCTCTGGAGACCTTCTTGCACTCCCTGGTGACA	660
D	b	601	TATGCCACACTTGCCCAAGCCATCAAGTCTCTGGAGACCTTCTTGCACTCCCTGGTGACA	660
O	y	661	CAAGCAACATCCCCAACGTTTCTCCATGCAAGTGTGGAAGCCGGCTTGCCGTTGCT	720
D	b	661	CAAGCAACATCCCCAACGTTTCTCCATGCAAGTGTGGAAGCCGGCTTGCCGTTGCT	720
O	y	721	GGATCTGGGACCAACGAGGTAGTCTTGTCTTGGGTGAATTGAACCAAGTTGTATAAA	780
D	b	721	GGATCTGGGACCAACGAGGTAGTCTTGTCTTGGGTGAATTGAACCAAGTTGTATAAA	780
O	y	781	GGAGACATCTGGTATACCCCTATTAAAGGAAGTGTACTACCAAGATAGAAATTCGAAA	840
D	b	781	GGAGACATCTGGTATACCCCTATTAAAGGAAGTGTACTACCAAGATAGAAATTCGAAA	840
O	y	841	TTGGAATTTGAGGCCAAAGCCTTAATCTGCACTGCAGAGATATAACGCAGACAAGCC	900
D	b	841	TTGGAATTTGAGGCCAAAGCCTTAATCTGCACTGCAGAGATATAACGCAGACAAGCC	900
O	y	901	ATCGTGACAGTGGCACCAAGCTGCTGCGCTGCCCCAGAAGGTGTTGATGGCGTGGTG	960
D	b	901	ATCGTGACAGTGGCACCAAGCTGCTGCGCTGCCCCAGAAGGTGTTGATGGCGTGGTG	960
O	y	961	GAAAGCTGTGGCCCGCATCTCTGATTCAGAAATTCCTGATGTTTCTGACTGGTCC	1020
D	b	961	GAAAGCTGTGGCCCGCATCTCTGATTCAGAAATTCCTGATGTTTCTGACTGGTCC	1020
O	y	1021	CAGCTGGCGTGTGGACGAATTCGAAACACCTTGCTTACTTCCCTAAATCTCCATC	1080
D	b	1021	CAGCTGGCGTGTGGACGAATTCGAAACACCTTGCTTACTTCCCTAAATCTCCATC	1080
O	y	1081	TACCTGAGAGATGAGAACTCCAGCAGGTCAATCCGTATCACAATCCCTGACTTAC	1140
D	b	1081	TACCTGAGAGATGAGAACTCCAGCAGGTCAATCCGTATCACAATCCCTGACTTAC	1140
O	y	1141	ATTCAAGCCCATGATGGGGCCGCGCTGAATTAATGAATGTTACCGATTCCGCATTTCCCA	1200
D	b	1141	ATTCAAGCCCATGATGGGGCCGCGCTGAATTAATGAATGTTACCGATTCCGCATTTCCCA	1200
O	y	1201	TCCACAAATGCGCTGTGATCGGTGCCACGGTGATGGAAGGCTTCTACGTCTTGAC	1260
D	b	1201	TCCACAAATGCGCTGTGATCGGTGCCACGGTGATGGAAGGCTTCTACGTCTTGAC	1260
O	y	1261	AGAGCCCAAGAGGGGTGGCTTCGACGAGCCCTGTGCAGAAATTTGACAGTGTGCA	1320
D	b	1261	AGAGCCCAAGAGGGGTGGCTTCGACGAGCCCTGTGCAGAAATTTGACAGTGTGCA	1320
O	y	1321	GTGTCTGAATTTCCGGCCTTTCTCAACAGAGGATGTAGCCAGCAACTGTGTCCCGCT	1380
D	b	1321	GTGTCTGAATTTCCGGCCTTTCTCAACAGAGGATGTAGCCAGCAACTGTGTCCCGCT	1380
O	y	1381	CAGTCTTTGACGAGCCCATTTTGTGATGTGTCTATGCGCTCATGAGCGTCTGTGA	1440
D	b	1381	CAGTCTTTGACGAGCCCATTTTGTGATGTGTCTATGCGCTCATGAGCGTCTGTGA	1440

QY	1441	GCCATCCTCCTGTGTCTTAATCGTCCCTGCTGCTGCTGCCGTTCCGGGTCAAGCGTCGCCCC	1500
Db	1441	GCCATCCTCCTGTGTCTTAATCGTCCCTGCTGCTGCTGCCGTTCCGGGTCAAGCGTCGCCCC	1500
QY	1501	CGTGACCCCTGAGGTGCTCAATGATGAGTCCCTCTGTGTCAGACATCGCTGGAATGATA	1560
Db	1501	CGTGACCCCTGAGGTGCTCAATGATGAGTCCCTCTGTGTCAGACATCGCTGGAATGATA	1560
QY	1561	GCCAGGCGCTGACCTCAAGCAACCATGAACCTCAGCTATTAGAAAAATCACATTCCAGGGC	1620
Db	1561	GCCAGGCGCTGACCTCAAGCAACCATGAACCTCAGCTATTAGAAAAATCACATTCCAGGGC	1620
QY	1621	AGCAGCCGGGATCGATGGTGGCGCTTCTCCTGTGCCCCACCCGTTCAATCTCTGTTCT	1680
Db	1621	AGCAGCCGGGATCGATGGTGGCGCTTCTCCTGTGCCCCACCCGTTCAATCTCTGTTCT	1680
QY	1681	GCTCCCAGATGCCCTTCTAGATTCACTGCTTTTGATTCTTGATTTTCAAGCTTTCAATC	1740
Db	1681	GCTCCCAGATGCCCTTCTAGATTCACTGCTTTTGATTCTTGATTTTCAAGCTTTCAATC	1740
QY	1741	CTCCCTACTTCCAGAAAAATAATTAAAAAAAACCTCATTTCTAAACCAAAAAAAA	1800
Db	1741	CTCCCTACTTCCAGAAAAATAATTAAAAAAAACCTCATTTCTAAACCAAAAAAAA	1800
QY	1801	AAAA 1804	
Db	1801	AAAA 1804	

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RESULT 5
US-09-794-925-1
; Sequence 1, Application US/09794925
; Patent No. US20020064819A1
; GENERAL INFORMATION:
; APPLICANT: Gurney, Mark E.
; APPLICANT: Bienkowski, Michael J.
; APPLICANT: Heinrikson, Robert L.
; APPLICANT: Parodi, Luis A.
; APPLICANT: Yan, Ridiang
; TITLE OF INVENTION: ALZHEIMER'S DISEASE SECRETASE, APP SUBSTRATES THEREFOR, AND USES
; TITLE OF INVENTION: THEREFOR
; FILE REFERENCE: 28341/6280H1
; CURRENT APPLICATION NUMBER: US/09/794,925
; CURRENT FILING DATE: 2001-02-27
; PRIOR APPLICATION NUMBER: 09/416,901
; PRIOR FILING DATE: 1999-10-13
; PRIOR APPLICATION NUMBER: 60/155,493
; PRIOR FILING DATE: 1999-09-23
; PRIOR APPLICATION NUMBER: 09/404,133
; PRIOR FILING DATE: 1999-09-23
; PRIOR APPLICATION NUMBER: PCT/US99/20881
; PRIOR FILING DATE: 1999-09-23
; PRIOR APPLICATION NUMBER: 60/101,594
; PRIOR FILING DATE: 1998-09-24
; NUMBER OF SEQ ID NOS: 73
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 1804
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-794-925-1

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Query Match	100.0%	Score 1804;	DB 9;	Length 1804;
Best Local Similarity	100.0%;	Pred. No. 0;		
Matches 1804; Conservative	0;	Mismatches	0;	Indels 0;
				Gaps 0;

[illegible]

D	61	GCCCCGAGAGCTGGCCCCCGCGCCCTTACGCTGCCCCCTCCGGGTGGCCCGGACCAAGAAC	120
Q	121	CGCGTAGTTGCGCCCAACCCCGGGACCCCGGACCCCTGCGGAGCGCCACGCGGACGGCTTG	180
D	121	CGCGTAGTTGCGCCCAACCCCGGGACCCCGGACCCCTGCGGAGCGCCACGCGGACGGCTTG	180
Q	181	GCGCTCGCCCTGGAGCCTGCCCCTGCGCTGCCCGCGGGCGCGCCCAACTTCTTGGCCATG	240
D	181	GCGCTCGCCCTGGAGCCTGCCCCTGCGCTGCCCGCGGGCGCGCCCAACTTCTTGGCCATG	240
Q	241	GTAGACAACCTGCAAGGGGAGCTCTGGCCCGCGCTACTACCTGGAGATGCTGATCGGGACC	300
D	241	GTAGACAACCTGCAAGGGGAGCTCTGGCCCGCGCTACTACCTGGAGATGCTGATCGGGACC	300
Q	301	CCCCCGCAGAAAGCTACAGATTCTCGTTGACACTGGAAGCAGTAACTTGCCTGGCAGGA	360
D	301	CCCCCGCAGAAAGCTACAGATTCTCGTTGACACTGGAAGCAGTAACTTGCCTGGCAGGA	360
Q	361	ACCCCGCACTCCCTACATAGACACGTAATTGACACAGAGAGGTCTAGCACATACCGCTCC	420
D	361	ACCCCGCACTCCCTACATAGACACGTAATTGACACAGAGAGGTCTAGCACATACCGCTCC	420
Q	421	AAGGCTTTGAGCTCACAGTGAAGTACACACAAGGAAGCTGACGGGCTTCGTTGGGAA	480
D	421	AAGGCTTTGAGCTCACAGTGAAGTACACACAAGGAAGCTGACGGGCTTCGTTGGGAA	480
Q	481	GACCTCGTCAACCATCCCCCAAGGCTCAATACTTCTTCTGTCAACATTGCCACTATT	540
D	481	GACCTCGTCAACCATCCCCCAAGGCTCAATACTTCTTCTGTCAACATTGCCACTATT	540
Q	541	TTTGAATCAGAGAAATTTCTTTTGGCTGGGATTAATGGAATGGAATCTTGCCCTAGCT	600
D	541	TTTGAATCAGAGAAATTTCTTTTGGCTGGGATTAATGGAATGGAATCTTGCCCTAGCT	600
Q	601	TATGCCACACTTGGCAAGCCATCAAGTTCTCTGGAGACCCTTCTGACTCCCTGCTGACA	660
D	601	TATGCCACACTTGGCAAGCCATCAAGTTCTCTGGAGACCCTTCTGACTCCCTGCTGACA	660
Q	661	CAAGCAAAACATCCCCCAACGTTTCTCCATGACATGTTGGAGCCGGCTTGCCCTTGCT	720
D	661	CAAGCAAAACATCCCCCAACGTTTCTCCATGACATGTTGGAGCCGGCTTGCCCTTGCT	720
Q	721	GGATCTGGGACCAACGAGGTAGTCTTGTCTTGGGTGGAATTGAACCAAGTTGTATAAA	780
D	721	GGATCTGGGACCAACGAGGTAGTCTTGTCTTGGGTGGAATTGAACCAAGTTGTATAAA	780
Q	781	GGAGACATCTGTATAACCCCTATTAAAGGAAGTGTACTACCAAGATAGAAATTCGAAA	840
D	781	GGAGACATCTGTATAACCCCTATTAAAGGAAGTGTACTACCAAGATAGAAATTCGAAA	840
Q	841	TTGGAATTTGAGAGCCAAAGCCTTAATCTGCACTGCAGAGATATAACGACAAAGGCC	900
D	841	TTGGAATTTGAGAGCCAAAGCCTTAATCTGCACTGCAGAGATATAACGACAAAGGCC	900
Q	901	ATCGTGACAGTGGCAACGCTGCTGCGCTGCCCCAGAAGGTGTTGATGCGGTGTG	960
D	901	ATCGTGACAGTGGCAACGCTGCTGCGCTGCCCCAGAAGGTGTTGATGCGGTGTG	960
Q	961	GAAGCTGTGCCCCGCGCATCTTGATTCAGAAATTCCTGATGTTTCTGACTGGGTCC	1020
D	961	GAAGCTGTGCCCCGCGCATCTTGATTCAGAAATTCCTGATGTTTCTGACTGGGTCC	1020
Q	1021	CAGCTGGCGTGTGACGAATTCGGAAACACCTTGGTCTTACTTCCCTAAATCTCCATC	1080
D	1021	CAGCTGGCGTGTGACGAATTCGGAAACACCTTGGTCTTACTTCCCTAAATCTCCATC	1080
Q	1081	TACCTGAGAGATGAGAACTCCAGCAGGTCAATCCGATACAAATCCTGCTCAGCTTAC	1140
D	1081	TACCTGAGAGATGAGAACTCCAGCAGGTCAATCCGATACAAATCCTGCTCAGCTTAC	1140
Q	1141	ATTACGCCCATGATGGGGGCGCGCTGAAATTATGAATGTTACCGATTGGGCAATTTCCCA	1200
D	1141	ATTACGCCCATGATGGGGGCGCGCTGAAATTATGAATGTTACCGATTGGGCAATTTCCCA	1200

QY	1201	TTCCACAAATGCGCTGGTGTATCGGTGCCACCGGTGATGAGGGCTTCTACGTCACTTTGCAC	1260
Db	1201	TTCCACAAATGCGCTGGTGTATCGGTGCCACCGGTGATGAGGGCTTCTACGTCACTTTGCAC	1260
QY	1261	AGAGCCCCAGAGAGGGGTGGGCTTCCAGCGAGGCCCTGTGCAGAAATTGCAGGTGTGCA	1320
Db	1261	AGAGCCCCAGAGAGGGGTGGGCTTCCAGCGAGGCCCTGTGCAGAAATTGCAGGTGTGCA	1320
QY	1321	GTGTCTGAAATTTCCGGGCCCTTTCTCAACAGAGGATGTAGCCAGCAACTGTGTCCCGCT	1380
Db	1321	GTGTCTGAAATTTCCGGGCCCTTTCTCAACAGAGGATGTAGCCAGCAACTGTGTCCCGCT	1380
QY	1381	CAGTCTTTGAGCGAGGCCCAATTTGTGATTGTGTCTATGCGCTCATGAGCGTCTGGA	1440
Db	1381	CAGTCTTTGAGCGAGGCCCAATTTGTGATTGTGTCTATGCGCTCATGAGCGTCTGGA	1440
QY	1441	GCCATCCTCCTTGTCTTAATGTCCTGCTGCTGCTGCCGTTCCGGTGTCAAGCGTCCGCC	1500
Db	1441	GCCATCCTCCTTGTCTTAATGTCCTGCTGCTGCTGCCGTTCCGGTGTCAAGCGTCCGCC	1500
QY	1501	CGTGACCCCTGAGGTGCTCAATGATGAGTCCCTCTCTGTGACAGACATCGCTGGAATGATA	1560
Db	1501	CGTGACCCCTGAGGTGCTCAATGATGAGTCCCTCTCTGTGACAGACATCGCTGGAATGATA	1560
QY	1561	GCCAGGCTTGACCTCAAGCAACCATGAACCTCAGCTATTAGAAGAAATCACATTTCCAGGGC	1620
Db	1561	GCCAGGCTTGACCTCAAGCAACCATGAACCTCAGCTATTAGAAGAAATCACATTTCCAGGGC	1620
QY	1621	AGCAGCCGGGATCGATGTTGSGGCTTTCTCCTGTGCCACCCGCTTCAATTCTGTCT	1680
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QY	1681	GCTCCAGATGCTTCTAGATTCACTGTCTTTGATTCTTGATTTCAGAGCTTCAAAATC	1740
Db	1681	GCTCCAGATGCTTCTAGATTCACTGTCTTTGATTCTTGATTTCAGAGCTTCAAAATC	1740
QY	1741	CTCCCTACTTCCAGAGAAATAATTAATAAAAAAAAACTTCATTCTAAACCAAAAAAAAA	1800
Db	1741	CTCCCTACTTCCAGAGAAATAATTAATAAAAAAAAACTTCATTCTAAACCAAAAAAAAA	1800
QY	1801	AAAA 1804	
Db	1801	AAAA 1804	

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RESULT 6
US-09-681-442-1
; Sequence 1, Application US/09681442
; Patent No. US20020081634A1
; GENERAL INFORMATION:
; APPLICANT: Gurney, Mark E.
; APPLICANT: Bienkowski, Michael J.
; APPLICANT: Heinriksen, Robert L.
; APPLICANT: Parodi, Luis A.
; APPLICANT: Yan, Riqiang
; TITLE OF INVENTION: ALZHEIMER'S DISEASE SECRETASE, APP SUBSTRATES THEREFOR, AND USES
; TITLE OF INVENTION: THEREFOR
; FILE REFERENCE: 28341/6280FG
; CURRENT APPLICATION NUMBER: US/09/681,442
; CURRENT FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 09/416,901
; PRIOR FILING DATE: 1999-10-13
; PRIOR APPLICATION NUMBER: 60/155,493
; PRIOR FILING DATE: 1999-09-23
; PRIOR APPLICATION NUMBER: 09/404,133
; PRIOR FILING DATE: 1999-09-23
; PRIOR APPLICATION NUMBER: PCT/US99/20881
; PRIOR FILING DATE: 1999-09-23
; PRIOR APPLICATION NUMBER: 60/101,594
; PRIOR FILING DATE: 1998-09-24
; NUMBER OF SEQ ID NOS: 73
; SOFTWARE: PatentIn Ver. 2.0

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; SEQ ID NO 1
; LENGTH: 1804
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-681-442-1

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Query Match	100.0%;	Score 1804;	DB 9;	Length 1804;
Best Local Similarity	100.0%;	Pred. No. 0;		
Matches 1804; Conservative	0;	Mismatches	0;	Indels 0; Gaps 0;

QY	1	ATGGGCGCACTGGCCCGGGCGCTGCTGCTGCTCTGTGGCCCACTGGCTCCTGCGCGCC	60
Db	1	ATGGGCGCACTGGCCCGGGCGCTGCTGCTGCTCTGTGGCCCACTGGCTCCTGCGCGCC	60
QY	61	GCCCCGAGACTGGCCCCCGCGCCCTTCAAGCTGCCCTCCGGGTGGCCGCGCCAGAAC	120
Db	61	GCCCCGAGACTGGCCCCCGCGCCCTTCAAGCTGCCCTCCGGGTGGCCGCGCCAGAAC	120
QY	121	CGCGTAGTTGCGCCCAACCCCGGACCCCGGACCCCTGCCAGCGCCACGCGCAAGCTTG	180
Db	121	CGCGTAGTTGCGCCCAACCCCGGACCCCGGACCCCTGCCAGCGCCACGCGCAAGCTTG	180
QY	181	GCGCTGCGCCCTGGAGCCCTGCGCTGCGCTGCCCGCGGCGCCCACTTCTTGGCCATG	240
Db	181	GCGCTGCGCCCTGGAGCCCTGCGCTGCGCTGCCCGCGGCGCCCACTTCTTGGCCATG	240
QY	241	GTAGACAACCTGCAGGGGAGCTTGCGCGGCTACTACTTGAGATGCTGATCGGAGCC	300
Db	241	GTAGACAACCTGCAGGGGAGCTTGCGCGGCTACTACTTGAGATGCTGATCGGAGCC	300
QY	301	CCCCCGAGAAAGCTACAGATTCCTGTTGACACTGGAAGCAGTAACTTTGCCGTGGCAGGA	360
Db	301	CCCCCGAGAAAGCTACAGATTCCTGTTGACACTGGAAGCAGTAACTTTGCCGTGGCAGGA	360
QY	361	ACCCCGACTCCTACATAGACAGCTACTTTGACACAGAGAGTCTAGACATACCGCTCC	420
Db	361	ACCCCGACTCCTACATAGACAGCTACTTTGACACAGAGAGTCTAGACATACCGCTCC	420
QY	421	AAGGCTTTGACGTCACAGTGAAGTACACACAGAAGAGCTGGAAGGCTTCGTTGGGGA	480
Db	421	AAGGCTTTGACGTCACAGTGAAGTACACACAGAAGAGCTGGAAGGCTTCGTTGGGGA	480
QY	481	GACCTCGTCACCATCCCCCAAGGCTTCAATACCTTTCTTGTCAACATTGCCACTATT	540
Db	481	GACCTCGTCACCATCCCCCAAGGCTTCAATACCTTTCTTGTCAACATTGCCACTATT	540
QY	541	TTTGAATCAGAGAAATTTCTTTTTCCTGGATTTAAATGGAATGGAATACCTTGCGCTAGCT	600
Db	541	TTTGAATCAGAGAAATTTCTTTTTCCTGGATTTAAATGGAATGGAATACCTTGCGCTAGCT	600
QY	601	TATGCCACACTTGCCAAAGCCATCAAGTCTCTGGAAGCCTTCTTGCACTCCTGCTGACACA	660
Db	601	TATGCCACACTTGCCAAAGCCATCAAGTCTCTGGAAGCCTTCTTGCACTCCTGCTGACACA	660
QY	661	CAAGCAACATCCCCAAGCTTTCTCCATGCAGATGTGGAAGCCCGGCTTGCGCTGCT	720
Db	661	CAAGCAACATCCCCAAGCTTTCTCCATGCAGATGTGGAAGCCCGGCTTGCGCTGCT	720
QY	721	GGATCTGGGACCAACGGAAGTAGTCTTGCTTGGGTGAATTGAACCAAGTTGTATATAA	780
Db	721	GGATCTGGGACCAACGGAAGTAGTCTTGCTTGGGTGAATTGAACCAAGTTGTATATAA	780
QY	781	GGAGCATCTGTATATACCCCTATTAAAGGAAGAGTGTACTACCAATAGAAATTTGAAA	840
Db	781	GGAGCATCTGTATATACCCCTATTAAAGGAAGAGTGTACTACCAATAGAAATTTGAAA	840
QY	841	TTGGAATTTGAGGSCCAAGCCTTAATCTGACTGCAGAGAGTATTAACGACACAAGGCC	900
Db	841	TTGGAATTTGAGGSCCAAGCCTTAATCTGACTGCAGAGAGTATTAACGACACAAGGCC	900
QY	901	ATCGGGAACAGTGGACCAAGCTGCTGCGCTGCGCCAGAGGTGTTGATGCGGTGTG	960
Db	901	ATCGGGAACAGTGGACCAAGCTGCTGCGCTGCGCCAGAGGTGTTGATGCGGTGTG	960





QY 781 GGAGACATCTGTATACCCCTATTAAAGAGAGTGTACTACAGATAGAAATTCGAAA 840  
Db 781 GGAGACATCTGTATACCCCTATTAAAGAGAGTGTACTACAGATAGAAATTCGAAA 840  
QY 841 TTGAAATTTGAGGCCAAAGCCTTAATCTGAGCTCAGAGAGATAAACGACAGAGGCC 900  
Db 841 TTGAAATTTGAGGCCAAAGCCTTAATCTGAGCTCAGAGAGATAAACGACAGAGGCC 900  
QY 901 ATCGTGACAGTGGACCAACGCTGCTGCCCTGCCCCAGAGAGTGTGATGCGGTG 960  
Db 901 ATCGTGACAGTGGACCAACGCTGCTGCCCTGCCCCAGAGAGTGTGATGCGGTG 960  
QY 961 GAAGCTGTGGCCCGGCATCTCTGATTCAGAAATTCCTGATGTTTCTGACTGGTCC 1020  
Db 961 GAAGCTGTGGCCCGGCATCTCTGATTCAGAAATTCCTGATGTTTCTGACTGGTCC 1020  
QY 1021 CAGCTGGCGTGGACGAATTCGAAACACCTTGCTTACTTCCCTAAATCTCATC 1080  
Db 1021 CAGCTGGCGTGGACGAATTCGAAACACCTTGCTTACTTCCCTAAATCTCATC 1080  
QY 1081 TACCTGAGAGATGAGAACTCCAGCAGGTGATCCGTATCACAATCCTGCTCAGCTTAC 1140  
Db 1081 TACCTGAGAGATGAGAACTCCAGCAGGTGATCCGTATCACAATCCTGCTCAGCTTAC 1140  
QY 1141 ATTACGCCCATGATGG 1200  
Db 1141 ATTACGCCCATGATGG 1200  
QY 1201 TCCACAAATGCGCTGTGATCGGTGCCACGGTGATGAGGGGCTTCTACGTCTTCGAC 1260  
Db 1201 TCCACAAATGCGCTGTGATCGGTGCCACGGTGATGAGGGGCTTCTACGTCTTCGAC 1260  
QY 1261 AGAGCCCAAGAGAGGGGTGGGCTTCGACAGAGGCCCTGTGAGAAATTCAGGTGCTCA 1320  
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QY 1381 CAGTCTTTGAGCGAGCCCATTTTGTGATGTGTCTATGCGCTCATGAGCGCTGTGGA 1440  
Db 1381 CAGTCTTTGAGCGAGCCCATTTTGTGATGTGTCTATGCGCTCATGAGCGCTGTGGA 1440  
QY 1441 GCCATCCTCCTGTGTTAATCGTCTGTGCTGCTGCGGTCGGGTGTCAGCGTGGCCC 1500  
Db 1441 GCCATCCTCCTGTGTTAATCGTCTGTGCTGCTGCGGTCGGGTGTCAGCGTGGCCC 1500  
QY 1501 CGTGACCTGAGGTGCTCAATGATGATGATGATGATGATGATGATGATGATGATGAT 1560  
Db 1501 CGTGACCTGAGGTGCTCAATGATGATGATGATGATGATGATGATGATGATGATGAT 1560  
QY 1561 GCCAGGCTGACCTCAAGCAACCATGAACTCAGCTATTAAAGAAATCACATTTCCAGGGC 1620  
Db 1561 GCCAGGCTGACCTCAAGCAACCATGAACTCAGCTATTAAAGAAATCACATTTCCAGGGC 1620  
QY 1621 AGCAGCCGGATCGATGTGGGGCTTCTCTGTGCCCCACCCGCTTCAATCTGTGTTCT 1680  
Db 1621 AGCAGCCGGATCGATGTGGGGCTTCTCTGTGCCCCACCCGCTTCAATCTGTGTTCT 1680  
QY 1681 GCTCCAGATGCTCTAGATTCATGCTGCTTTGATTTCTGATTTTCAAGCTTCAATC 1740  
Db 1681 GCTCCAGATGCTCTAGATTCATGCTGCTTTGATTTCTGATTTTCAAGCTTCAATC 1740  
QY 1741 CTCCTACTTCCAGAAATAATAATAATAATAATAATAATAATAATAATAATAATAATA 1800  
Db 1741 CTCCTACTTCCAGAAATAATAATAATAATAATAATAATAATAATAATAATAATAATA 1800  
QY 1801 AAAA 1804  
Db 1801 AAAA 1804

RESULT 8  
US-09-548-366-1  
; Sequence 1, Application US/09548366  
; Publication No. US20030104365A1  
; GENERAL INFORMATION:  
; APPLICANT: Guiney, Mark E.  
; APPLICANT: Bienkowski, Michael J.  
; APPLICANT: Heinrichson, Robert J.  
; APPLICANT: Parodi, Luis A.  
; APPLICANT: Yan, Riqiang  
; TITLE OF INVENTION: ALZHEIMER'S DISEASE SECRETASE, APP SUBSTRATES THEREFOR  
; FILE REFERENCE: 28341/6280A  
; CURRENT APPLICATION NUMBER: US/09/548,366  
; CURRENT FILING DATE: 2000-04-12  
; PRIOR APPLICATION NUMBER: 60/155,493  
; PRIOR FILING DATE: 1999-09-23  
; PRIOR APPLICATION NUMBER: 09/404,133  
; PRIOR FILING DATE: 1999-09-23  
; PRIOR APPLICATION NUMBER: PCT/US99/20881  
; PRIOR FILING DATE: 1999-09-23  
; PRIOR APPLICATION NUMBER: 60/101,594  
; PRIOR FILING DATE: 1998-09-24  
; NUMBER OF SEQ ID NOS: 65  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 1  
; LENGTH: 1804  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-548-366-1  
  
Query Match 100.0%; Score 1804; DB 10; Length 1804;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 1804; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
QY 1 ATGGGGCGACTGGCCCGGG 60  
Db 1 ATGGGGCGACTGGCCCGGG 60  
QY 61 GCCCGGAGAGCTGGCCCGGG 120  
Db 61 GCCCGGAGAGCTGGCCCGGG 120  
QY 121 CGGTAGTGTGGCGCCCAACCCCGGAGCCCGGGGACCCCTGCGGAGCGGCAAGCGGCTTG 180  
Db 121 CGGTAGTGTGGCGCCCAACCCCGGAGCCCGGGGACCCCTGCGGAGCGGCAAGCGGCTTG 180  
QY 181 GCGCTGCGCTGAGGCTGCGCTGCGCTGCGCTGCGCTGCGCTGCGCTGCGCTGCGCTGCG 240  
Db 181 GCGCTGCGCTGAGGCTGCGCTGCGCTGCGCTGCGCTGCGCTGCGCTGCGCTGCGCTGCG 240  
QY 241 GTAGACAACCTGAGGGGGGAGCTGCGCGGGCTACTACCTGAGATGCTGATGGGACC 300  
Db 241 GTAGACAACCTGAGGGGGGAGCTGCGCGGGCTACTACCTGAGATGCTGATGGGACC 300  
QY 301 CCCCCGAGAAGCTACAGATTCTGTTGACATGGAAGCACTTGGCCGTGGCAGGA 360  
Db 301 CCCCCGAGAAGCTACAGATTCTGTTGACATGGAAGCACTTGGCCGTGGCAGGA 360  
QY 361 ACCCGCACTCCTACATAGACAGTACTTTGACACAGAGAGGTGACACATACCGCTCC 420  
Db 361 ACCCGCACTCCTACATAGACAGTACTTTGACACAGAGAGGTGACACATACCGCTCC 420  
QY 421 AAGGGCTTTGACGTGACAGTGAAGTACACAAAGGAAGCTGAGCGGGCTTGGTGGGAA 480  
Db 421 AAGGGCTTTGACGTGACAGTGAAGTACACAAAGGAAGCTGAGCGGGCTTGGTGGGAA 480  
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Db 481 GACCTGTCACCATCCCAAGGCTTCAATACTTTCTTCTGTCAACATGGCCACTATT 540  
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GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerlitsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James;  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2630P1C11  
CURRENT APPLICATION NUMBER: US/09/978, 295A  
PRIOR APPLICATION NUMBER: 2001-10-15  
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PRIOR FILING DATE: 2001-07-30  
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71	PRIOR APPLICATION NUMBER: 60/085697

Query Match

98.9%; Score 1784.4; DB 9; Length 1879;



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APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James;  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: P2630PIC27  
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CURRENT FILING DATE: 2001-10-16  
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Q	781	GGA	GACAT	CTGTAT	ACCCCT	ATTAGA	GAGT	GTACTA	CCAGAT	AGATA	GAAAT	CTGAA	840	
D	874	GGA	GACAT	CTGTAT	ACCCCT	ATTAGA	GAGT	GTACTA	CCAGAT	AGATA	GAAAT	CTGAA	933	
Q	841	TTG	GAATT	GGAG	CCAAAG	CCCTTA	ATCTG	ACTG	AGAGAT	ATAAC	GACAG	CAAGCC	900	
D	934	TTG	GAATT	GGAG	CCAAAG	CCCTTA	ATCTG	ACTG	AGAGAT	ATAAC	GACAG	CAAGCC	993	
Q	901	ATC	GTGAC	AGTGG	CAAC	CGCTG	CTCG	CGCCCTG	CCCCA	GAAAG	TGTTG	ATGCGG	TG	960
D	994	ATC	GTGAC	AGTGG	CAAC	CGCTG	CTCG	CGCCCTG	CCCCA	GAAAG	TGTTG	ATGCGG	TG	1053
Q	961	GAA	GCTGT	GGCCCC	CGCAT	CTCTG	ATTCC	AGAA	TTCTCT	GATG	TTCTG	AGCTGG	STCC	1020
D	1054	GAA	GCTGT	GGCCCC	CGCAT	CTCTG	ATTCC	AGAA	TTCTCT	GATG	TTCTG	AGCTGG	STCC	1113
Q	1021	CAG	TGGCG	TGCTG	ACGA	ATTG	GAAAC	ACCTTG	TTGTT	CTTACT	TCCCTA	AAATCT	CCATC	1080
D	1114	CAG	TGGCG	TGCTG	ACGA	ATTG	GAAAC	ACCTTG	TTGTT	CTTACT	TCCCTA	AAATCT	CCATC	1173
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D	1174	TAC	CTGAG	AGATG	AACTCC	AGCAG	GTCA	TTCCG	TATCA	CAATCC	TGCTC	AGCTT	TAC	1233
Q	1141	ATT	CAGCCC	ATGATG	GGGGCC	GGCTGA	TTATG	AATG	TATAC	CGATTG	GGCA	TTTCC	CCA	1200
D	1234	ATT	CAGCCC	ATGATG	GGGGCC	GGCTGA	TTATG	AATG	TATAC	CGATTG	GGCA	TTTCC	CCA	1293
Q	1201	TCC	ACAATG	CGCTG	TGATCG	GTGC	ACG	GTGATG	AGGG	CTTCTA	CGTCA	TCTTG	AC	1260
D	1294	TCC	ACAATG	CGCTG	TGATCG	GTGC	ACG	GTGATG	AGGG	CTTCTA	CGTCA	TCTTG	AC	1353
Q	1261	AG	AGCC	CAGAA	GGGTGG	GCTTGC	AGCG	AGCCCTGT	GCAGAA	ATTG	CAG	GTGCTG	CA	1320
D	1354	AG	AGCC	CAGAA	GGGTGG	GCTTGC	AGCG	AGCCCTGT	GCAGAA	ATTG	CAG	GTGCTG	CA	1413
Q	1321	GTG	CTGAA	ATTCC	GGGCTT	CTCA	ACAG	AGATG	TAGC	CA	CACTGT	GTCCCC	CT	1380
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QY 1621 AGCAGCCGGATCGATGCTGCGCTTCTCTCTGCGCCACCCGCTTCAATCTCTGTTCT 1680  
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 QY 1681 GCTCCAGATGCTTCTAGATTCTGCTGTTGATTCTTGAATTTCAAGCTTTCAATC 1740  
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RESULT 11

US-09-978-192A-195

; Sequence 195, Application US/09978192A

; Patent No. US20020177553A1

; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi  
 ; APPLICANT: Baker Kevin P.  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Desnoyers, Luc  
 ; APPLICANT: Eaton, Dan  
 ; APPLICANT: Ferrara, Napoleon  
 ; APPLICANT: Filvaroff, Ellen  
 ; APPLICANT: Fong, Sherman  
 ; APPLICANT: Gao, Wei-Qiang  
 ; APPLICANT: Gerber, Hanspeter  
 ; APPLICANT: Gerlitsen, Mary E.  
 ; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Godowski, Paul J.  
 ; APPLICANT: Grimaldi, J. Christopher  
 ; APPLICANT: Gurney, Austin L.  
 ; APPLICANT: Hillan, Kenneth J.  
 ; APPLICANT: Kljavin, Ivar J.  
 ; APPLICANT: Kuo, Sophia S.  
 ; APPLICANT: Napier, Mary A.  
 ; APPLICANT: Pan, James;  
 ; APPLICANT: Paoni, Nicholas F.  
 ; APPLICANT: Roy, Margaret Ann  
 ; APPLICANT: Shelton, David L.  
 ; APPLICANT: Stewart, Timothy A.  
 ; APPLICANT: Tumas, Daniel  
 ; APPLICANT: Williams, P. Mickey  
 ; APPLICANT: Wood, William I.  
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
 ; FILE OF INVENTION: Acids Encoding the Same  
 ; FILE REFERENCE: P2630P1C9  
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PRIOR APPLICATION NUMBER: 60/085697

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QY	61	GCCCCGAGCTGGCCCCCGCGCCCTTCAAGCTGCCCCCTCCGGGTGGCCGCGCAAGAAC			120
Db	154	GCCCCGAGCTGGCCCCCGCGCCCTTCAAGCTGCCCCCTCCGGGTGGCCGCGCAAGAAC			213
QY	121	CGCGTAGTGGCGCCCAACCCCGGGAGACCCCGGAGCCCTGCGCAAGCCGACGCGCTTG			180
Db	214	CGCGTAGTGGCGCCCAACCCCGGGAGACCCCGGAGCCCTGCGCAAGCCGACGCGCTTG			273
QY	181	GCGCTCGCCCTGGAGCCTGCCCCCTGGCGTCCCCCGCGCGCGCCCACTTCTTGCGCATG			240
Db	274	GCGCTCGCCCTGGAGCCTGCCCCCTGGCGTCCCCCGCGCGCGCCCACTTCTTGCGCATG			333
QY	241	GTAGACAACCTGCAAGGGGAGCTGTGGCCGCGGCTACTACTGAGATGCTGATCGGAGC			300
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QY	301	CCCCCGCAGAAGCTTACAGATTTCTGTTGACACTGGAAAGCAATTAATTGCGGTGGAGGA			360
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QY	361	ACCCCGCACTCCTACATAGACACGTAATTGACACAGAGAGTCTAGACATACCGCTCC			420
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QY	421	AAGGGCTTGAAGCTGACAGTGAAGTACACACAAGGAAGCTGACGGCTTCTGGGGAA			480
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QY	481	GACCTGTCACCAATCCCAAGGCTTCAATCTTTCTTGTCAACATTCGCAATTT			540
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QY	721	GGATCTGGGACCAACGAGTAGTCTTCTTGGGTGGAATTGAACCAAGTTGTATAAA			780
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Db	394	CCCCCGCAGAAAGCTACAGATTCTCGTTGACACTGGAAGCAGTAATTGGCCGCGCAGGA	453
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8	PRIOR APPLICATION NUMBER: 60/0792944
9	PRIOR FILING DATE: 1998-03-25
10	PRIOR APPLICATION NUMBER: 60/0796566
11	PRIOR FILING DATE: 1998-03-26
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65	PRIOR APPLICATION NUMBER: 60/085573
66	PRIOR FILING DATE: 1998-05-15
67	PRIOR APPLICATION NUMBER: 60/085704
68	PRIOR FILING DATE: 1998-05-15
69	PRIOR APPLICATION NUMBER: 60/085697

Query Match	98.9%	Score 1784.4	DB 10	Length 1879
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QY	61	GGCCCGGAGCTG	3	CCCGCGCCCTT	CAAGCTGCCCCCTCCGGTGGCCGGCCACGAA	120			
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QY	181	GGGCTCGCCCTG	3	AGGCTGACCTTG	CGCTCCCGCGGCGCGCCCACTTCTTGGCATTG	240			
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Db	394	CCCCCGGAGAGCT	3	ACAGATTCTCGTTG	3	ACAGAGCACTTGGCGGTGCGAG	453		
QY	361	ACCCCGCACTCT	3	ACATAGACACGTA	3	CTTGCACAGAGAGTCTAGACATACCGCTCC	420		
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QY	421	AAGGCTTTGACGT	3	CAAGTGAAGTACACA	3	CAAGAGAGCTGACGGGCTTCGTTGGGAA	480		
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QY	481	GACCTCGTCA	3	CCATCCCCAAAGG	3	CTTCAATACTTCTTGTCAACATTGCCATA	540		
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Sequence 195, Application US/09978608A  
Publication No. US20030045462A1  
GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desroyers, Luc  
APPLICANT: Eaton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Flivaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Geber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.







Db 1534 GCCATCCTCCTGTCTTAATCGTCCTGCTGCTGCCGTTCCGGTGTCAGCGTCGCCCC 1593  
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Search completed: March 6, 2004, 02:17:32  
Job time : 662 secs

GenCore version 5.1.6  
Copyright (c) 1993 - 2004 Compugen Ltd.

OM nucleic - nucleic search, using sw model

Run on:

February 28, 2004, 05:52:24 ; Search time 637 Seconds  
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Title:

US-09-668-314C-1

Perfect score:

1804

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Searched:

2353733 seqs, 1803733377 residues

Total number of hits satisfying chosen parameters:

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Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

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5	1804	100.0	1804	9	US-09-794-925-1	Sequence 1, Appli
6	1804	100.0	1804	9	US-09-681-442-1	Sequence 1, Appli
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8	1804	100.0	1804	10	US-09-548-366-1	Sequence 1, Appli
9	1784.4	98.9	1879	9	US-09-978-295A-195	Sequence 195, App
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44	1784.4	98.9	1879	14	US-10-176-758-71	Sequence 71, Appl
45	1784.4	98.9	1879	14	US-10-175-737-71	Sequence 71, Appl

#### ALIGNMENTS

RESULT 1

US-09-794-927-1

Sequence 1, Application US/09794927

Patent No. US20010016324A1

GENERAL INFORMATION:

APPLICANT: Gurney, Mark E.

APPLICANT: Bienkowski, Michael J.

APPLICANT: Heinrichson, Robert L.

APPLICANT: Parodi, Luis A.

APPLICANT: Yan, Riqiang

TITLE OF INVENTION: ALZHEIMER'S DISEASE SECRETASE, APP SUBSTRATES THEREFOR, AND

TITLE OF INVENTION: US

TITLE OF INVENTION: THEREFOR

FILE REFERENCE: 28341/6280FG

CURRENT APPLICATION NUMBER: US/09/794,927

CURRENT FILING DATE: 2001-02-27

PRIOR APPLICATION NUMBER: 09/416,901

PRIOR FILING DATE: 1999-10-13

PRIOR APPLICATION NUMBER: 60/155,493

PRIOR FILING DATE: 1999-09-23

PRIOR APPLICATION NUMBER: 09/404,133

PRIOR FILING DATE: 1999-09-23

PRIOR APPLICATION NUMBER: PCT/US99/20881

PRIOR FILING DATE: 1999-09-23

PRIOR APPLICATION NUMBER: 60/101,594

PRIOR FILING DATE: 1998-09-24

NUMBER OF SEQ ID NOS: 73

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 1

LENGTH: 1804

TYPE: DNA

ORGANISM: Homo sapiens

US-09-794-927-1

Query Match 100.0%; Score 1804; DB 9; Length 1804;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 1804; Conservative 0; Mismatches 0; Indels 0; Gaps 0;



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Db	1	ATGGGGCGCACTGGCCCCGGCGCGCTGCTGCTGCTCTGCTGCGCCAGTGGCTCCTGCGCGC	60
QY	61	GCCCCGGAGCTGGCCCCCGCGCCTTCAACGCTGCCCCCTCGGGGTGGCCGGGCGCAAGAAC	120
Db	61	GCCCCGGAGCTGGCCCCCGCGCCTTCAACGCTGCCCCCTCGGGGTGGCCGGGCGCAAGAAC	120
QY	121	CGCGTAGTTGCGCCCCAACCCCGGAGCCCGGGACCCCTGCGCAGCGCCACGCCAGCGGCTTG	180
Db	121	CGCGTAGTTGCGCCCCAACCCCGGAGCCCGGGACCCCTGCGCAGCGCCACGCCAGCGGCTTG	180
QY	181	GCGCTCGCCCTGGAGCCTGCTGGCCGTGCCCCCGCGCGCCGCGCAACTTCTTGCCATG	240
Db	181	GCGCTCGCCCTGGAGCCTGCTGGCCGTGCCCCCGCGCGCCGCGCAACTTCTTGCCATG	240
QY	241	GTAGACAACCTGCAGAGGGGAGCTCTGGCCGCGGCTACTACTGAGATGCTGATCGGGAAC	300
Db	241	GTAGACAACCTGCAGAGGGGAGCTCTGGCCGCGGCTACTACTGAGATGCTGATCGGGAAC	300
QY	301	CCCCCGCAGAGCTACAGATTCTCGTTGACACTGGAAGCAATACTTGGCCGTGGAGAA	360
Db	301	CCCCCGCAGAGCTACAGATTCTCGTTGACACTGGAAGCAATACTTGGCCGTGGAGAA	360
QY	361	ACCCCGCACTCCTACATAGACACGTACTTTGACACAGAGAGTCTAGCACATACCGCTCC	420
Db	361	ACCCCGCACTCCTACATAGACACGTACTTTGACACAGAGAGTCTAGCACATACCGCTCC	420
QY	421	AAGGCTTTGACGTCAAGTGAAGTACACACAGAAGAGCTGACCGGCTTCGTTGGGAA	480
Db	421	AAGGCTTTGACGTCAAGTGAAGTACACACAGAAGAGCTGACCGGCTTCGTTGGGAA	480
QY	481	GACCTCGTCAACCATCCCCAAAGGCTTCAATACTCTTTCTTGCAACATTTGCCACTAAT	540
Db	481	GACCTCGTCAACCATCCCCAAAGGCTTCAATACTCTTTCTTGCAACATTTGCCACTAAT	540
QY	541	TTTGAATCAGAGAATTTCTTTTGGCTGGATTAAATGGAATGGAATACTTGGCCTAGCT	600
Db	541	TTTGAATCAGAGAATTTCTTTTGGCTGGATTAAATGGAATGGAATACTTGGCCTAGCT	600
QY	601	TATGCCACACTTGGCAAGCCATCAAGTTCTCTGAGAGACCTTCTGACTCCCTGTGACA	660
Db	601	TATGCCACACTTGGCAAGCCATCAAGTTCTCTGAGAGACCTTCTGACTCCCTGTGACA	660
QY	661	CAAGCAAAACATCCCCCAACGTTTCTCCATGAGATGTGTGAAGCCGGCTTGCCCGTTGCT	720
Db	661	CAAGCAAAACATCCCCCAACGTTTCTCCATGAGATGTGTGAAGCCGGCTTGCCCGTTGCT	720
QY	721	GGATCTGGGACCAACGAGGTAGTCTTGTCTTGGGTGGAATTGAACCAAGTTTGTATAAA	780
Db	721	GGATCTGGGACCAACGAGGTAGTCTTGTCTTGGGTGGAATTGAACCAAGTTTGTATAAA	780
QY	781	GGAGACATCTGTATATACCCCTAATTAAGGAAGAGTGTACTACAGATAGAATAATCTGA	840
Db	781	GGAGACATCTGTATATACCCCTAATTAAGGAAGAGTGTACTACAGATAGAATAATCTGA	840
QY	841	TTGGAATTTGAGGCGCAAGCCTTAATCTGAGCTGCAGAGAGTATAACGACAGACAGGCC	900
Db	841	TTGGAATTTGAGGCGCAAGCCTTAATCTGAGCTGCAGAGAGTATAACGACAGACAGGCC	900
QY	901	ATCGTGGACAGTGGCAACACGCTGCTGCGCCTGCCCCCAAGAGGTGTTGATGCGGTGTG	960
Db	901	ATCGTGGACAGTGGCAACACGCTGCTGCGCCTGCCCCCAAGAGGTGTTGATGCGGTGTG	960
QY	961	GAACTGTGGCCCCCGGCATCTCTGATTTCCAGAAATCTCTGATGTTTCTGGACTGGGTCC	1020
Db	961	GAACTGTGGCCCCCGGCATCTCTGATTTCCAGAAATCTCTGATGTTTCTGGACTGGGTCC	1020
QY	1021	CAGCTGGCGTGTGGAAGCAATTTGGAAACACCTTGGTCTTAATCCCTAAATCTTCATC	1080
Db	1021	CAGCTGGCGTGTGGAAGCAATTTGGAAACACCTTGGTCTTAATCCCTAAATCTTCATC	1080
QY	1081	TACCTGAGAGATGAGAACTCCAGCAGGTCATTCGGTATACAAATCCTGCTCAGCTTTAC	1140

Db	1081	TACCTGAGAGATGAACTCCAGCAGGTCATTCGGTATCACAATCCTGCCTCAGCTTAC	1140
QY	1141	ATTCAGCCCATGATGGGGGGCCGGCTGAATATGAATGTACCATTCCGCAATTTCCCA	1200
Db	1141	ATTCAGCCCATGATGGGGGGCCGGCTGAATATGAATGTACCATTCCGCAATTTCCCA	1200
QY	1201	TCCACAATGCGCTGGTGTATCGGTGCCACGGGTATGAGGGCTTCTACGTCACTTCGAC	1260
Db	1201	TCCACAATGCGCTGGTGTATCGGTGCCACGGGTATGAGGGCTTCTACGTCACTTCGAC	1260
QY	1261	AGAGCCCAAGAGAGGGTGGGCTTCGCAGCGAGCCCTGTGCAGAAATTGCAGGTGCTGCA	1320
Db	1261	AGAGCCCAAGAGAGGGTGGGCTTCGCAGCGAGCCCTGTGCAGAAATTGCAGGTGCTGCA	1320
QY	1321	GTGCTGAATTTCCGGGCTTCTCAACACAGATGTAGCCAGCACTGTGCCCGCT	1380
Db	1321	GTGCTGAATTTCCGGGCTTCTCAACACAGATGTAGCCAGCACTGTGCCCGCT	1380
QY	1381	CAGTCTTTGAGCCGAGCCCATTTTGTGATGTGTCTATGCGCTCATGAGCGTCTGTGA	1440
Db	1381	CAGTCTTTGAGCCGAGCCCATTTTGTGATGTGTCTATGCGCTCATGAGCGTCTGTGA	1440
QY	1441	GCCATCCTCCTGTGTCTTAATCGTCTGCTGCTGCTGCCGTTCGGGTGCAGCGTCGCC	1500
Db	1441	GCCATCCTCCTGTGTCTTAATCGTCTGCTGCTGCTGCCGTTCGGGTGCAGCGTCGCC	1500
QY	1501	CGTGACCCCTGAGGTGCTCAATGATGAGTCCCTCTGTGTACAGACATCGCTGGAATGAATA	1560
Db	1501	CGTGACCCCTGAGGTGCTCAATGATGAGTCCCTCTGTGTACAGACATCGCTGGAATGAATA	1560
QY	1561	GCCAGGCTGACCTCAAGCAACCATGAACCTACGCTATTAAAGAAAATCACATTTCCAGGGC	1620
Db	1561	GCCAGGCTGACCTCAAGCAACCATGAACCTACGCTATTAAAGAAAATCACATTTCCAGGGC	1620
QY	1621	AGCAGCCGGGATCGATGTGTGGCGCTTCTCCTGTGCCCCACCCGCTTCAATCTCTGTCT	1680
Db	1621	AGCAGCCGGGATCGATGTGTGGCGCTTCTCCTGTGCCCCACCCGCTTCAATCTCTGTCT	1680
QY	1681	GCTCCCAAGATGCTTCTAGATTCACTGTCTTTTGATTTCTGATTTTCAAGCTTTCAAAATC	1740
Db	1681	GCTCCCAAGATGCTTCTAGATTCACTGTCTTTTGATTTCTGATTTTCAAGCTTTCAAAATC	1740
QY	1741	CTCCCTACTTCCAGAAAATTAATTAAGAAAAAACTTCATTCTTAACCAAAAAAA	1800
Db	1741	CTCCCTACTTCCAGAAAATTAATTAAGAAAAAACTTCATTCTTAACCAAAAAAA	1800
QY	1801	AAAA 1804	
Db	1801	AAAA 1804	

RESULT 2  
US-09-795-847-1  
: Sequence 1, Application US/09795847  
: Patent No. US20010018208A1  
: GENERAL INFORMATION:  
: APPLICANT: Gurney, Mark E.  
: APPLICANT: Bienkowski, Michael J.  
: APPLICANT: Heinrichson, Robert L.  
: APPLICANT: Parodi, Luis A.  
: APPLICANT: Yan, Riqiang  
: TITLE OF INVENTION: ALZHEIMER'S DISEASE SECRETASE, APP SUBSTRATES THEREFOR, AND  
: TITLE OF INVENTION: USES  
: TITLE OF INVENTION: THEREFOR  
: FILE REFERENCE: 28341/62803E  
: CURRENT APPLICATION NUMBER: US/09/795,847  
: CURRENT FILING DATE: 2001-02-28  
: PRIOR APPLICATION NUMBER: 09/416,901  
: PRIOR FILING DATE: 1999-10-13  
: PRIOR APPLICATION NUMBER: 60/155,493  
: PRIOR FILING DATE: 1999-09-23  
: PRIOR APPLICATION NUMBER: 09/404,133







QY	1681	GCTCCAGATGCCCTTCTAGATTCACTGTCTTTGATTTCTGAATTTTCAAGCTTCAATC	1740
Db	1681	GCTCCAGATGCCCTTCTAGATTCACTGTCTTTGATTTCTGAATTTTCAAGCTTCAATC	1740
QY	1741	CTCCCTACTTCCAGAATAATAATTAAAAAAAACCTCATTTCTAAACCAAAAAAAA	1800
Db	1741	CTCCCTACTTCCAGAATAATAATTAAAAAAAACCTCATTTCTAAACCAAAAAAAA	1800
QY	1801	AAAA 1804	
Db	1801	AAAA 1804	

## RESULT 4

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US-09-794-748-1
; Sequence 1, Application US/09794748
; Patent No. US20020037315A1
; GENERAL INFORMATION:
; APPLICANT: Gurney, Mark E.
; APPLICANT: Bienkowski, Michael J.
; APPLICANT: Heinrichson, Robert L.
; APPLICANT: Parodi, Luis A.
; APPLICANT: Yan, Riqiang
; TITLE OF INVENTION: ALZHEIMER'S DISEASE SECRETASE, APP SUBSTRATES THEREFOR, AND
; TITLE OF INVENTION: THERESFOR
; TITLE OF INVENTION: THERESFOR
; FILE REFERENCE: 28341/6280UL
; CURRENT APPLICATION NUMBER: US/09/794,748
; CURRENT FILING DATE: 2001-02-27
; PRIOR APPLICATION NUMBER: 09/416,901
; PRIOR FILING DATE: 1999-10-13
; PRIOR APPLICATION NUMBER: 60/155,493
; PRIOR FILING DATE: 1999-09-23
; PRIOR APPLICATION NUMBER: 09/404,133
; PRIOR FILING DATE: 1999-09-23
; PRIOR APPLICATION NUMBER: PCT/US99/20881
; PRIOR FILING DATE: 1999-09-23
; PRIOR APPLICATION NUMBER: 60/101,594
; PRIOR FILING DATE: 1998-09-24
; NUMBER OF SEQ ID NOS: 73
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 1804
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-794-748-1

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Query Match	100.0%	Score 1804;	DB 9;	Length 1804;
Best Local Similarity	100.0%;	Pred. No. 0;		
Matches 1804;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;

QY	1	ATGGGCGCACTGGCCCGGGCGCTGCTGCTGCTCTGTGCGCCAGTGGCTCCTGGCGCC	60
Db	1	ATGGGCGCACTGGCCCGGGCGCTGCTGCTGCTCTGTGCGCCAGTGGCTCCTGGCGCC	60
QY	61	GCCCCGGAAGCTGGCCCCCGCGCCCTTCAAGCTGCCCCCTCCGGGTGGCCGGCCAGAAC	120
Db	61	GCCCCGGAAGCTGGCCCCCGCGCCCTTCAAGCTGCCCCCTCCGGGTGGCCGGCCAGAAC	120
QY	121	CGCGTAGTTGCGGCCACCCCGGGAACCCCTGCGCAGCGCACGCGGAGCTTG	180
Db	121	CGCGTAGTTGCGGCCACCCCGGGAACCCCTGCGCAGCGCACGCGGAGCTTG	180
QY	181	GCGCTGCGCCTGGAGCCTGCGCCTGCGCTCCCCCGGGCGCGCCCACTTCTTGCCATG	240
Db	181	GCGCTGCGCCTGGAGCCTGCGCCTGCGCTCCCCCGGGCGCGCCCACTTCTTGCCATG	240
QY	241	GTAGACAACCTGCAGGGGACTTGCCCGCGGCTACTACTGAGATGCTGATCGGGAAC	300
Db	241	GTAGACAACCTGCAGGGGACTTGCCCGCGGCTACTACTGAGATGCTGATCGGGAAC	300
QY	301	CCCCCGAGAAGCTACAGATTCTGTTGACACTGAAGCAGTAATTGCGTGGCAGGA	360
Db	301	CCCCCGAGAAGCTACAGATTCTGTTGACACTGAAGCAGTAATTGCGTGGCAGGA	360

Db	301	CCCCCGCAGAAAGCTACAGATTCTCGTTGACACTGGAAAGCAGTAACCTTGCCGTGCAGGA	360
Qy	361	ACCCCGCACTCTCTACATAGACACGTA	420
Db	361	ACCCCGCACTCTCTACATAGACACGTA	420
Qy	421	AAGGGCTTTGACGTCA	480
Db	421	AAGGGCTTTGACGTCA	480
Qy	481	GACCTCGTCA	540
Db	481	GACCTCGTCA	540
Qy	541	TTTGAATCAGAGAA	600
Db	541	TTTGAATCAGAGAA	600
Qy	601	TATGCCACACTTGGCAAGCCATCAAGTTCTCTGAGACCTTCTTGACTCCCTGTGACA	660
Db	601	TATGCCACACTTGGCAAGCCATCAAGTTCTCTGAGACCTTCTTGACTCCCTGTGACA	660
Qy	661	CAAGCAAAACATCCCAACGTTTCTCCATGCAAGATGTGTGAGACCGGCTTGCCGTGCT	720
Db	661	CAAGCAAAACATCCCAACGTTTCTCCATGCAAGATGTGTGAGACCGGCTTGCCGTGCT	720
Qy	721	GGATCTGGGACCAAGAGGTAGTCTTGCTTGCGGTGGAATTGAACCAAGTTTGATAAA	780
Db	721	GGATCTGGGACCAAGAGGTAGTCTTGCTTGCGGTGGAATTGAACCAAGTTTGATAAA	780
Qy	781	GGAGACATCTGTATATACCCCTATTAAAGGAAGTGTACTACAGATAGAAAATCTGAAA	840
Db	781	GGAGACATCTGTATATACCCCTATTAAAGGAAGTGTACTACAGATAGAAAATCTGAAA	840
Qy	841	TTGGAATTTGAGAGCCAAAGCCTTAATCTGGA	900
Db	841	TTGGAATTTGAGAGCCAAAGCCTTAATCTGGA	900
Qy	901	ATCGTGCACATGAGCAACCAACGCTGCTGCGCTGCCCCAGAAAGTGTGATGCGGTG	960
Db	901	ATCGTGCACATGAGCAACCAACGCTGCTGCGCTGCCCCAGAAAGTGTGATGCGGTG	960
Qy	961	GAAAGTGTGCGCGCGCATCTCTGATTCAGAAATTCCTGATGTTTCTGAC	1020
Db	961	GAAAGTGTGCGCGCGCATCTCTGATTCAGAAATTCCTGATGTTTCTGAC	1020
Qy	1021	CAGCTGCGCTGCGAGCAATTCGAAACACCTTGCTTACTTCCCTAAATCTCCATC	1080
Db	1021	CAGCTGCGCTGCGAGCAATTCGAAACACCTTGCTTACTTCCCTAAATCTCCATC	1080
Qy	1081	TACCTGAGAGTGAAGAACTCCAGCAGTCAATCCGTATCACAATCTGCTCAGCTTAC	1140
Db	1081	TACCTGAGAGTGAAGAACTCCAGCAGTCAATCCGTATCACAATCTGCTCAGCTTAC	1140
Qy	1141	ATTACGCCCATGATGGGGCGGCTGAATTA	1200
Db	1141	ATTACGCCCATGATGGGGCGGCTGAATTA	1200
Qy	1201	TCCACAAATGCGCTGTGATCGGTGCCAGGTGATGAGGGCTTCTACGTCACTTGAC	1260
Db	1201	TCCACAAATGCGCTGTGATCGGTGCCAGGTGATGAGGGCTTCTACGTCACTTGAC	1260
Qy	1261	AGAGCCCAAGAGGGGTGGGCTTGCAGCAGCCCTGTGCAGAAATTCAGGTGCTGCA	1320
Db	1261	AGAGCCCAAGAGGGGTGGGCTTGCAGCAGCCCTGTGCAGAAATTCAGGTGCTGCA	1320
Qy	1321	GTGTCTGAAATTTCCGGGCTTTCTCAACAGAGATGTAGCCAGCACTGTGTCCCGCT	1380
Db	1321	GTGTCTGAAATTTCCGGGCTTTCTCAACAGAGATGTAGCCAGCACTGTGTCCCGCT	1380
Qy	1381	CAGTCTTTGAGCGAGCCCATTTTGTGAATGTGTCTATGCGTCACTGAAGCGTCTGTGA	1440
Db	1381	CAGTCTTTGAGCGAGCCCATTTTGTGAATGTGTCTATGCGTCACTGAAGCGTCTGTGA	1440

QY 1441 GCCATCCTCTGTTGTTATGTCGTCCTGCTGCTGCCGTTCCGGTGCAGCGTCGCCCC 1500  
DB 1441 GCCATCCTCTGTTGTTATGTCGTCCTGCTGCTGCCGTTCCGGTGCAGCGTCGCCCC 1500  
QY 1501 CGTGACCCCTGAGGTGCTCATGATGATGCTCTCTGTGTCAGACATCGCTGGAATGATA 1560  
DB 1501 CGTGACCCCTGAGGTGCTCATGATGATGCTCTCTGTGTCAGACATCGCTGGAATGATA 1560  
QY 1561 GCCAGGCTGACCTCAAGCAACCATGAATCAGCTATTAGAAAATCAATTTCCAGGGC 1620  
DB 1561 GCCAGGCTGACCTCAAGCAACCATGAATCAGCTATTAGAAAATCAATTTCCAGGGC 1620  
QY 1621 AGCAGCCGCGATGATGCTGCGCTTCTCTGTGCCCAACCCGCTTCAATCTCTGTCT 1680  
DB 1621 AGCAGCCGCGATGATGCTGCGCTTCTCTGTGCCCAACCCGCTTCAATCTCTGTCT 1680  
QY 1681 GCTCCAGATGCTTCTAGATTCAGTCTTCTTGTATTCTTGAATTTCAAGCTTCAAAATC 1740  
DB 1681 GCTCCAGATGCTTCTAGATTCAGTCTTCTTGTATTCTTGAATTTCAAGCTTCAAAATC 1740  
QY 1741 CTCCTACTTCCAGAAAATAATTAATAAAAAAATTCATTTCTAAACCAAAAAA 1800  
DB 1741 CTCCTACTTCCAGAAAATAATTAATAAAAAAATTCATTTCTAAACCAAAAAA 1800  
QY 1801 AAAA 1804  
DB 1801 AAAA 1804

## RESULT 5

US-09-794-925-1  
Sequence 1, Application US/09794925  
Patent No. US2002064819A1  
GENERAL INFORMATION:  
APPLICANT: Gurney, Mark E.  
APPLICANT: Bienkowski, Michael J.  
APPLICANT: Heinrikson, Robert L.  
APPLICANT: Parodi, Luis A.  
APPLICANT: Yan, Riqiang  
TITLE OF INVENTION: ALZHEIMER'S DISEASE SECRETASE, APP SUBSTRATES THEREFOR, AND USES  
TITLE OF INVENTION: THEREFOR  
FILE REFERENCE: 28341/6280H1  
CURRENT APPLICATION NUMBER: US/09/794,925  
CURRENT FILING DATE: 2001-02-27  
PRIOR APPLICATION NUMBER: 09/416,901  
PRIOR FILING DATE: 1999-10-13  
PRIOR APPLICATION NUMBER: 60/155,493  
PRIOR FILING DATE: 1999-09-23  
PRIOR APPLICATION NUMBER: 09/404,133  
PRIOR FILING DATE: 1999-09-23  
PRIOR APPLICATION NUMBER: PCT/US99/20881  
PRIOR FILING DATE: 1999-09-23  
PRIOR APPLICATION NUMBER: 60/101,594  
PRIOR FILING DATE: 1998-09-24  
NUMBER OF SEQ ID NOS: 73  
SOFTWARE: Patent Ver. 2.0  
SEQ ID NO 1  
LENGTH: 1804  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-794-925-1

Query Match 100.0%; Score 1804; DB 9; Length 1804;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 1804; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATGGGCGCACTGGCCGCGGCTGCTGCTGCTGCTGCGCCAGTGGCTCTGCGCGGC 60  
DB 1 ATGGGCGCACTGGCCGCGGCTGCTGCTGCTGCTGCGCCAGTGGCTCTGCGCGGC 60  
QY 61 GCCCGGAGCTGGCCCGCGGCTTCAAGCTGCGCCCTCCGGGTGGCCGGCGGCGAC 120  
DB 61 GCCCGGAGCTGGCCCGCGGCTTCAAGCTGCGCCCTCCGGGTGGCCGGCGGCGAC 120

DB 61 GCCCGGAGCTGGCCCGCGGCTTCAAGCTGCGCCCTCCGGGTGGCCGGCGGCGAC 120  
QY 121 CGCGTAGTGGCGCCCAACCCCGGAGCCCGGGACCCCTGCGCGACCGCAGCGGCTTG 180  
DB 121 CGCGTAGTGGCGCCCAACCCCGGAGCCCGGGACCCCTGCGCGACCGCAGCGGCTTG 180  
QY 181 GCGCTGCGCTGGAGCGCTGCGCTGCGCTGCGCTGCGCTGCGCTGCGCTGCGCTG 240  
DB 181 GCGCTGCGCTGGAGCGCTGCGCTGCGCTGCGCTGCGCTGCGCTGCGCTGCGCTG 240  
QY 241 GTAGACAACCTGCAAGGGGAGCTTGGCGCGCGCTACTTACTTGAAGATGCTGATGGGACC 300  
DB 241 GTAGACAACCTGCAAGGGGAGCTTGGCGCGCGCTACTTACTTGAAGATGCTGATGGGACC 300  
QY 301 CCCCCGCAAGACTACAGATTCTGTTGACACTGGAAGAGTAATTGGCGTGCGCAGGA 360  
DB 301 CCCCCGCAAGACTACAGATTCTGTTGACACTGGAAGAGTAATTGGCGTGCGCAGGA 360  
QY 361 ACCCGGACTCTACATAGACAGCTACTTTGACACAGAGAGTCTAGACATAACCGCTCC 420  
DB 361 ACCCGGACTCTACATAGACAGCTACTTTGACACAGAGAGTCTAGACATAACCGCTCC 420  
QY 421 AAGGCTTTGACGTACAGTGAAGTACACACAAGAGAGCTGACGGGCTTGGGGAA 480  
DB 421 AAGGCTTTGACGTACAGTGAAGTACACACAAGAGAGCTGACGGGCTTGGGGAA 480  
QY 481 GACCTGCTACCATCCCGCAAGGCTTCAATACCTTCTTGTGCAACATGCGCACTATT 540  
DB 481 GACCTGCTACCATCCCGCAAGGCTTCAATACCTTCTTGTGCAACATGCGCACTATT 540  
QY 541 TTGAATCAGAGAATTTCTTTTGGCTGGATTAATGAATGAATATGAGCTAGCT 600  
DB 541 TTGAATCAGAGAATTTCTTTTGGCTGGATTAATGAATGAATATGAGCTAGCT 600  
QY 601 TATGCCACTTGGCCCAAGCCATCAAGTCTCTGAGACCTTCTTGAAGCTGCTGAGACA 660  
DB 601 TATGCCACTTGGCCCAAGCCATCAAGTCTCTGAGACCTTCTTGAAGCTGCTGAGACA 660  
QY 661 CAAGCAACATCCCAAGCTTTTCTCATGACAGATGTGTGAGCCGCGCTGCGCTGCT 720  
DB 661 CAAGCAACATCCCAAGCTTTTCTCATGACAGATGTGTGAGCCGCGCTGCGCTGCT 720  
QY 721 GGATCTGGGACCAACGAGTACTCTTGTGCTGGTGAATTTGAACCAAGTTGTATATA 780  
DB 721 GGATCTGGGACCAACGAGTACTCTTGTGCTGGTGAATTTGAACCAAGTTGTATATA 780  
QY 781 GGAGACATCTGTATACCCCTATTAAAGAGAGGTACTACCAAGATGAATTTCTGAAA 840  
DB 781 GGAGACATCTGTATACCCCTATTAAAGAGAGGTACTACCAAGATGAATTTCTGAAA 840  
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DB 841 TTGGAATTGGAGGCCAAGCCTTAATCTGAGCTGACAGAGATATAACGACAGAGGCC 900  
QY 901 ATGCTGACAGTGGACACAGCTGCTGCGCTGCGCCGACAGAGGTGTTGATGCGGTG 960  
DB 901 ATGCTGACAGTGGACACAGCTGCTGCGCTGCGCCGACAGAGGTGTTGATGCGGTG 960  
QY 961 GAAGCTGTGGCCCGCGCATCTCTGATTCCAGAAATCTCTGATGTTCTGCACTGGTCC 1020  
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QY 1021 CAGCTGGCGTCTGACAGATTCGGAACACCTTGTCTTACTTCCCTAAATCTCCATC 1080  
DB 1021 CAGCTGGCGTCTGACAGATTCGGAACACCTTGTCTTACTTCCCTAAATCTCCATC 1080  
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DB 1081 TACCTGAGAGATGAGAACTCCAGAGGTCAATCCGATACACAATCTGCGCTCAGCTTAC 1140  
QY 1141 ATTACGCCATGATGGGGCGCGGCTGAATTAATGAATGTTACCGGATTCGCCCA 1200  
DB 1141 ATTACGCCATGATGGGGCGCGGCTGAATTAATGAATGTTACCGGATTCGCCCA 1200

QY	1201	TCCACAAATGCGCTGCTGATCGGTGCCACGGGTGATGAGGGCTTCTACGTCATCTTGCAC	1260
Db	1201	TCCACAAATGCGCTGCTGATCGGTGCCACGGGTGATGAGGGCTTCTACGTCATCTTGCAC	1260
QY	1261	AGAGCCGAGAAGAGGGTGGGCTTCGACGCGAGCCCTGTGCAGAAATTGCAGGTGCTGCA	1320
Db	1261	AGAGCCGAGAAGAGGGTGGGCTTCGACGCGAGCCCTGTGCAGAAATTGCAGGTGCTGCA	1320
QY	1321	GTGTCGAAATTTCCGGGCTTCTCAACAGAGATGTAGCCAGCAACTGTGTCCCGCT	1380
Db	1321	GTGTCGAAATTTCCGGGCTTCTCAACAGAGATGTAGCCAGCAACTGTGTCCCGCT	1380
QY	1381	CAGTCTTTGAGCGAGCCCAATTTGTGATGTGTTCCTATGCGCTCATGAGCGTCTGTGA	1440
Db	1381	CAGTCTTTGAGCGAGCCCAATTTGTGATGTGTTCCTATGCGCTCATGAGCGTCTGTGA	1440
QY	1441	GCCATCTCTCTTGTCTTAATCGTCTGTGCTGCTGCCGTTCCGGTGTGACGCTGCGCC	1500
Db	1441	GCCATCTCTCTTGTCTTAATCGTCTGTGCTGCTGCCGTTCCGGTGTGACGCTGCGCC	1500
QY	1501	CGTGACCTTGAGGTCGTCAATGATGAGTCCCTCTGTGTCAGACATCGCTGGAATGAATA	1560
Db	1501	CGTGACCTTGAGGTCGTCAATGATGAGTCCCTCTGTGTCAGACATCGCTGGAATGAATA	1560
QY	1561	GCCAGGCTGACCTCAAGCAACCATGAACTCAGCTATTAGAAATCACAATTTCCAGGCG	1620
Db	1561	GCCAGGCTGACCTCAAGCAACCATGAACTCAGCTATTAGAAATCACAATTTCCAGGCG	1620
QY	1621	AGCAGCCGGATCGATGTTGGCGCTTCTCTCTGTGCCCAACCGCTTTCAATCTCTGTCT	1680
Db	1621	AGCAGCCGGATCGATGTTGGCGCTTCTCTCTGTGCCCAACCGCTTTCAATCTCTGTCT	1680
QY	1681	GCTCCGAGATGCCCTTCTAGATTCACGTCTTTTGAATCTTGATTTTCAAGCTTTCAATC	1740
Db	1681	GCTCCGAGATGCCCTTCTAGATTCACGTCTTTTGAATCTTGATTTTCAAGCTTTCAATC	1740
QY	1741	CTCCCTACTTCCAGAAAAATTAATTAATAAAAAAACTTCATTTCTAACCATAAAAAAA	1800
Db	1741	CTCCCTACTTCCAGAAAAATTAATTAATAAAAAAACTTCATTTCTAACCATAAAAAAA	1800
QY	1801	AAAA 1804	
Db	1801	AAAA 1804	

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RESULT 6
US-09-681-442-1
; Sequence 1, Application US/09681442
; Patent No. US20020081634A1
; GENERAL INFORMATION:
; APPLICANT: Gurney, Mark E.
; APPLICANT: Bienkowski, Michael J.
; APPLICANT: Heinrichson, Robert L.
; APPLICANT: Parodi, Luis A.
; APPLICANT: Yan, Riqiang
; TITLE OF INVENTION: ALZHEIMER'S DISEASE SECRETASE, APP SUBSTRATES THEREFOR, AND USES
; TITLE OF INVENTION: THEREFOR
; FILE REFERENCE: 28341/6280FG
; CURRENT APPLICATION NUMBER: US/09/681,442
; CURRENT FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 09/416,901
; PRIOR FILING DATE: 1999-10-13
; PRIOR APPLICATION NUMBER: 60/155,493
; PRIOR FILING DATE: 1999-09-23
; PRIOR APPLICATION NUMBER: 09/404,133
; PRIOR FILING DATE: 1999-09-23
; PRIOR APPLICATION NUMBER: PCT/US99/20881
; PRIOR FILING DATE: 1999-09-23
; PRIOR APPLICATION NUMBER: 60/101,594
; PRIOR FILING DATE: 1998-09-24
; NUMBER OF SEQ ID NOS: 73
; SOFTWARE: PatentIn Ver. 2.0

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; SEQ ID NO 1
; LENGTH: 1804
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-681-442-1

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Query Match	100.0%;	Score 1804;	DB 9;	Length 1804;
Best Local Similarity	100.0%;	Pred. No. 0;		
Matches 1804;	Conservative	0;	Mismatches	0;
			Indels	0;
			Gaps	0;

[illegible]



QY	961	GAAAGCTGTGGCCCGCGCATCTCTGATTCAGAAATTCCTGATGAGTTCTGTGACTGGGTCC	1020
Db	961	GAAAGCTGTGGCCCGCGCATCTCTGATTCAGAAATTCCTGATGAGTTCTGTGACTGGGTCC	1020
QY	1021	CAGCTGGCGGTGCTGGACGAATTCGGAAACACCTTGTCCTTAATCCCTAAATCTCCATC	1080
Db	1021	CAGCTGGCGGTGCTGGACGAATTCGGAAACACCTTGTCCTTAATCCCTAAATCTCCATC	1080
QY	1081	TACCTGAGAGATGAGAACTCCAGCAGGTCAATCCGTATCACAATCCCTCAGCTTAC	1140
Db	1081	TACCTGAGAGATGAGAACTCCAGCAGGTCAATCCGTATCACAATCCCTCAGCTTAC	1140
QY	1141	ATTCAGCCCATGATGGGGCCGGCTGGAATTATGAATGTTACCGATTGGCATTCCCA	1200
Db	1141	ATTCAGCCCATGATGGGGCCGGCTGGAATTATGAATGTTACCGATTGGCATTCCCA	1200
QY	1201	TCCACAAATGCGCTGATCGGTGCCACGATGAGAGGCTTCTACGTCACTTCGAC	1260
Db	1201	TCCACAAATGCGCTGATCGGTGCCACGATGAGAGGCTTCTACGTCACTTCGAC	1260
QY	1261	AGAGCCCAAGAGAGGGTGGCTTCGACGAGAGCCCTGTGCAGAATTGCAAGTGTGCA	1320
Db	1261	AGAGCCCAAGAGAGGGTGGCTTCGACGAGAGCCCTGTGCAGAATTGCAAGTGTGCA	1320
QY	1321	GTGTCTGAATTTCCGGGCTTTCTCAACAGAGATGTAAGCCAGCACTGTGTCCCGCT	1380
Db	1321	GTGTCTGAATTTCCGGGCTTTCTCAACAGAGATGTAAGCCAGCACTGTGTCCCGCT	1380
QY	1381	CAGTCTTTGAGCGAGCCCATTTTGTGATGTGTCTATGCCGTCAATGAGCGTCTGTGA	1440
Db	1381	CAGTCTTTGAGCGAGCCCATTTTGTGATGTGTCTATGCCGTCAATGAGCGTCTGTGA	1440
QY	1441	GCCATCCTCCTGTCTTAATCGTCTGCTGCTGCTGCGGCTTCGGGTGTCAAGCGTCCGCC	1500
Db	1441	GCCATCCTCCTGTCTTAATCGTCTGCTGCTGCTGCGGCTTCGGGTGTCAAGCGTCCGCC	1500
QY	1501	CGTGACCCTGAGGTGCTCAATGATGATGCTCTCTGTGTCAGACATCGCTGGAATGAATA	1560
Db	1501	CGTGACCCTGAGGTGCTCAATGATGATGCTCTCTGTGTCAGACATCGCTGGAATGAATA	1560
QY	1561	GCCAGGCGTGACCTCAAGCAACCATGAACCTCAGCTAATTAAGAAAATCACATTTCCAGGGC	1620
Db	1561	GCCAGGCGTGACCTCAAGCAACCATGAACCTCAGCTAATTAAGAAAATCACATTTCCAGGGC	1620
QY	1621	AGCAGCCGGGATCGATGATGCTGCGCTTTCTCTCTGTGCCCCACCCGCTTCAATCTCTGTCT	1680
Db	1621	AGCAGCCGGGATCGATGATGCTGCGCTTTCTCTCTGTGCCCCACCCGCTTCAATCTCTGTCT	1680
QY	1681	GCTCCAGATGCGCTTCTAGATTCACTGCTCTTTGATTTCTGATTTTCAAGCTTCAAAATC	1740
Db	1681	GCTCCAGATGCGCTTCTAGATTCACTGCTCTTTGATTTCTGATTTTCAAGCTTCAAAATC	1740
QY	1741	CTCCCTACTTCCAAGAAAAATAATTAAAAAAAATCTCATTTCTAAACCAAAAAA	1800
Db	1741	CTCCCTACTTCCAAGAAAAATAATTAAAAAAAATCTCATTTCTAAACCAAAAAA	1800
QY	1801	AAAA 1804	
Db	1801	AAAA 1804	

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US-09-869-414-1  
; Sequence 1, Application US/09869414  
; Publication No. US20030077226A1  
; GENERAL INFORMATION:  
; APPLICANT: Beinkowski et al.  
; TITLE OF INVENTION: ALZHEIMER'S DISEASE SECRETASE, APP SUBSTRATES THEREFOR, AND USES  
; TITLE OF INVENTION: THEREFOR  
; FILE REFERENCE: 28341/6280M  
; CURRENT APPLICATION NUMBER: US/09/869,414  
; CURRENT FILING DATE: 2001-06-27

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? PRIOR APPLICATION NUMBER: 09/416,901
? PRIOR FILING DATE: 1999-10-13
? PRIOR APPLICATION NUMBER: 60/155,493
? PRIOR FILING DATE: 1999-09-23
? PRIOR APPLICATION NUMBER: 09/404,133
? PRIOR FILING DATE: 1999-09-23
? PRIOR APPLICATION NUMBER: PCT/US99/208811
? PRIOR FILING DATE: 1999-09-23
? PRIOR APPLICATION NUMBER: 60/101,594
? PRIOR FILING DATE: 1998-09-24
? NUMBER OF SEQ ID NOS: 73
? SOFTWARE: PatentIn Ver. 2.0
? SEQ ID NO 1
? LENGTH: 1804
? TYPE: DNA
? ORGANISM: Homo sapiens
US-09-869-414-1

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Query Match	100.0%	Score 1804;	DB 10;	Length 1804;
Best Local Similarity	100.0%	Pred. No. 0;		
Matches 1804; Conservative	0;	Mismatches	0;	Indels 0; Gaps 0;

QY	1	ATGGGCGCACTGGCCCCGGGCGCTGCTGCTGCTCTGCTGGCCCAAGTGGCTTCTGCGGCC	60
Db	1	ATGGGCGCACTGGCCCCGGGCGCTGCTGCTGCTCTGCTGGCCCAAGTGGCTTCTGCGGCC	60
QY	61	GCCCCGAGAGTGGCCCCCGCGCCTTCAAGCTGCCCCCTCCGGGTGGCCGGCCACGAAC	120
Db	61	GCCCCGAGAGTGGCCCCCGCGCCTTCAAGCTGCCCCCTCCGGGTGGCCGGCCACGAAC	120
QY	121	CGCGTAGTTGCGCCCCACCCCGGAGACCCGGGACCCCTGCGGAGCGCCACCGGCGCTTG	180
Db	121	CGCGTAGTTGCGCCCCACCCCGGAGACCCGGGACCCCTGCGGAGCGCCACCGGCGCTTG	180
QY	181	GCGCTCGCCCTGGAGCGCTGCCCCGGCGTCCCCCGCGGGCGCCGCAACTTCTTGGCCATG	240
Db	181	GCGCTCGCCCTGGAGCGCTGCCCCGGCGTCCCCCGCGGGCGCCGCAACTTCTTGGCCATG	240
QY	241	GTAGACAACCTGCAGGGGGACTCTGGCCGCGGCTACTAAGTGGAGATGCTGATCGGGACC	300
Db	241	GTAGACAACCTGCAGGGGGACTCTGGCCGCGGCTACTAAGTGGAGATGCTGATCGGGACC	300
QY	301	CCCCCGAGAAGCTACAGATTCTCGTTGACACTGGAAGCAGTAATTGCGGTGGCAGGA	360
Db	301	CCCCCGAGAAGCTACAGATTCTCGTTGACACTGGAAGCAGTAATTGCGGTGGCAGGA	360
QY	361	ACCCCGCACTCCTACATAGACACGTACTTTGACACAGAGAGTCTAGCATATCCGCTCC	420
Db	361	ACCCCGCACTCCTACATAGACACGTACTTTGACACAGAGAGTCTAGCATATCCGCTCC	420
QY	421	AAGGGCTTTGACGTCAACAGTGAAGTACACACAGAGAAGCTGACGGGCTTCGTTGGGGA	480
Db	421	AAGGGCTTTGACGTCAACAGTGAAGTACACACAGAGAAGCTGACGGGCTTCGTTGGGGA	480
QY	481	GACCTCGTCAACCATCCCCCAAGGCTTCAATACTTCTTTCTGTCAACATGGCCACTATT	540
Db	481	GACCTCGTCAACCATCCCCCAAGGCTTCAATACTTCTTTCTGTCAACATGGCCACTATT	540
QY	541	TTTGAATCAGAGAATTTCTTTTGGCTGGGATTAATGAATGAATACTTGGCCTAGCT	600
Db	541	TTTGAATCAGAGAATTTCTTTTGGCTGGGATTAATGAATGAATACTTGGCCTAGCT	600
QY	601	TATGCCACACTTGGCCAAGCATCAAGTTCTCTGAGACCTTCTTGAATCCCTGGTGACA	660
Db	601	TATGCCACACTTGGCCAAGCATCAAGTTCTCTGAGACCTTCTTGAATCCCTGGTGACA	660
QY	661	CAAGCAACATCCCCAAGCTTTTCTCCATGCAATGTGTGAGCCGGCTTGCCCGTTGCT	720
Db	661	CAAGCAACATCCCCAAGCTTTTCTCCATGCAATGTGTGAGCCGGCTTGCCCGTTGCT	720
QY	721	GGATCTGGGACCAACGAGTAGTCTTGTCTTGGGTGAATTGAACAAATTGTATATAA	780
Db	721	GGATCTGGGACCAACGAGTAGTCTTGTCTTGGGTGAATTGAACAAATTGTATATAA	780

QY	781	GGAGACATCTGGTATATCCCCCTATTAAAGAGAAGTGGTACTACCAAGATAGAAATCTGAAA	840
Db	781	GGAGACATCTGGTATATCCCCCTATTAAAGAGAAGTGGTACTACCAAGATAGAAATCTGAAA	840
QY	841	TTGGAAATTGGAGGCCAAAGCCCTTAATCTGGACTGCAGAGAGTATAACGCAGCAAGGCC	900
Db	841	TTGGAAATTGGAGGCCAAAGCCCTTAATCTGGACTGCAGAGAGTATAACGCAGCAAGGCC	900
QY	901	ATCGTGACAGTGGCAACCAAGCTGCTGGCCCTGCCCAAGAGGTGTTTGATGGCGTGTG	960
Db	901	ATCGTGACAGTGGCAACCAAGCTGCTGGCCCTGCCCAAGAGGTGTTTGATGGCGTGTG	960
QY	961	GAAAGCTGTGGCCCGCCGATCTCTGATTCAGAAATTCCTGATGTTTCTGGAAGTGGTCC	1020
Db	961	GAAAGCTGTGGCCCGCCGATCTCTGATTCAGAAATTCCTGATGTTTCTGGAAGTGGTCC	1020
QY	1021	CAGCTGCGGTGTGAGCAAGAAATTCGGAACAACCTTGGTCTTAATTCCTTAATAATCTCCATC	1080
Db	1021	CAGCTGCGGTGTGAGCAAGAAATTCGGAACAACCTTGGTCTTAATTCCTTAATAATCTCCATC	1080
QY	1081	TACCTGAGAGATGAGAACTCCAGCAGGTCAATCCGTAACCAATCCCTGCTCAGCTTAC	1140
Db	1081	TACCTGAGAGATGAGAACTCCAGCAGGTCAATCCGTAACCAATCCCTGCTCAGCTTAC	1140
QY	1141	ATTACGCCCATGATGGGGCGCGCCTGAATTATGAATGTTACCGATTGGGCAATTTCCCA	1200
Db	1141	ATTACGCCCATGATGGGGCGCGCCTGAATTATGAATGTTACCGATTGGGCAATTTCCCA	1200
QY	1201	TCCACAAATGCGCTGCTGATCGGTGCCACGGTGATGAGAGGCTTCTACGTCATCTTGAC	1260
Db	1201	TCCACAAATGCGCTGCTGATCGGTGCCACGGTGATGAGAGGCTTCTACGTCATCTTGAC	1260
QY	1261	AGAGCCGAGAAGAGGGTGGGCTTCGACGAGGCCCTGTGCAGAAATTGCAAGTGTCTGCA	1320
Db	1261	AGAGCCGAGAAGAGGGTGGGCTTCGACGAGGCCCTGTGCAGAAATTGCAAGTGTCTGCA	1320
QY	1321	GTGTCTGAAATTTCCGGGCTTTCTCAACAGAGATGTAGCCAGCACTGTGTCCCGCT	1380
Db	1321	GTGTCTGAAATTTCCGGGCTTTCTCAACAGAGATGTAGCCAGCACTGTGTCCCGCT	1380
QY	1381	CAGTCTTTGAGCGAGCCCATTTTGTGATGTGTCTATGCGCTCATGAGCGTCTGTGA	1440
Db	1381	CAGTCTTTGAGCGAGCCCATTTTGTGATGTGTCTATGCGCTCATGAGCGTCTGTGA	1440
QY	1441	GCCATCTCTCTGTCTTAATCGTCTGCTGCTGCGCTTCCGGTGTCAAGCGTGCACC	1500
Db	1441	GCCATCTCTCTGTCTTAATCGTCTGCTGCTGCGCTTCCGGTGTCAAGCGTGCACC	1500
QY	1501	CGTGACCCTGAGGTGCTCAATGATGAGTCCCTCTGCTGTCAGACATCGCTGGAATGAATA	1560
Db	1501	CGTGACCCTGAGGTGCTCAATGATGAGTCCCTCTGCTGTCAGACATCGCTGGAATGAATA	1560
QY	1561	GCCAGGCTGACCTCAAGCAACCATGAACCTAGCTATTAAGAAAAATCAATTTCCAGGCG	1620
Db	1561	GCCAGGCTGACCTCAAGCAACCATGAACCTAGCTATTAAGAAAAATCAATTTCCAGGCG	1620
QY	1621	AGCAGCGGGGATCGATGATGAGCGCTTCTCCTGTGCCCAACCCGCTTCAATCTGTCT	1680
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QY	1681	GCTCCCAAGATGCTTCTAGATTCACCTGTCTTTGATTCTTGATTTCAAGCTTCAAATC	1740
Db	1681	GCTCCCAAGATGCTTCTAGATTCACCTGTCTTTGATTCTTGATTTCAAGCTTCAAATC	1740
QY	1741	CTCCCTACTTCCAGAAAAATTAATTAATAAAAAAACTTCATTTCTAAACCAAAAAA	1800
Db	1741	CTCCCTACTTCCAGAAAAATTAATTAATAAAAAAACTTCATTTCTAAACCAAAAAA	1800
QY	1801	AAAA 1804	
Db	1801	AAAA 1804	

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RESULT 8
US-09-548-366-1
; Sequence 1, Application US/09548366
; Publication No. US20030104365A1
; GENERAL INFORMATION:
; APPLICANT: Gurney, Mark E.
; APPLICANT: Bienkowski, Michael J.
; APPLICANT: Heinrichson, Robert L.
; APPLICANT: Parodi, Luis A.
; APPLICANT: Van, Riqiang
; TITLE OF INVENTION: ALZHEIMER'S DISEASE SECRETASE, APP SUBSTRATES THEREFOR, AND
; TITLE OF INVENTION: USES THEREFOR
; FILE REFERENCE: 28341/6280A
; CURRENT APPLICATION NUMBER: US/09/548,366
; CURRENT FILING DATE: 2000-04-12
; PRIOR APPLICATION NUMBER: 60/155,493
; PRIOR FILING DATE: 1999-09-23
; PRIOR APPLICATION NUMBER: 09/404,133
; PRIOR FILING DATE: 1999-09-23
; PRIOR APPLICATION NUMBER: PCT/US99/20881
; PRIOR FILING DATE: 1999-09-23
; PRIOR APPLICATION NUMBER: 60/101,594
; PRIOR FILING DATE: 1998-09-24
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 1804
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-548-366-1

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[illegible]

Db 541 TTTGAATCAGAGAAATTTCTTTGGCTGGAGATTAAATGGAATGGAATACTTGGCCTAGCT 600  
QY 601 TATGCCACACTTGCCCAAGCCATCAAGTTCTCTGAGACCTTCTTGACTCCCTGGTGACA 660  
Db 601 TATGCCACACTTGCCCAAGCCATCAAGTTCTCTGAGACCTTCTTGACTCCCTGGTGACA 660  
QY 661 CAAGCAAAACATCCCCCAACGTTTCTCCATGAGATGTGTGAGCCGGCTTGGCCGTGCT 720  
Db 661 CAAGCAAAACATCCCCCAACGTTTCTCCATGAGATGTGTGAGCCGGCTTGGCCGTGCT 720  
QY 721 GGATCTGGGACCAACGAGGTAGTCTGTCTTGGTGGAAATTGAACCAAGTTTGTATAAA 780  
Db 721 GGATCTGGGACCAACGAGGTAGTCTGTCTTGGTGGAAATTGAACCAAGTTTGTATAAA 780  
QY 781 GGAGACATCTGTATACCCCTAATTAGAAGAGTGTACTACAGATAGAAATTTCTGAAA 840  
Db 781 GGAGACATCTGTATACCCCTAATTAGAAGAGTGTACTACAGATAGAAATTTCTGAAA 840  
QY 841 TTGGAATTTGAGAGGCCAAAGCCTTAATCTGAGCTGCAGAGAGTATTAACGACAGACAGGCC 900  
Db 841 TTGGAATTTGAGAGGCCAAAGCCTTAATCTGAGCTGCAGAGAGTATTAACGACAGACAGGCC 900  
QY 901 ATCGTGAAGATGGGACACGCTGCTGCGCTGCCCGACAGAGGTGTGATGCGGTGTG 960  
Db 901 ATCGTGAAGATGGGACACGCTGCTGCGCTGCCCGACAGAGGTGTGATGCGGTGTG 960  
QY 961 GAAGCTGTGGCCCCGCGCATCTCTGATTTCCAGAAATCTCTGATGTTTCTGAGCTGGCTCC 1020  
Db 961 GAAGCTGTGGCCCCGCGCATCTCTGATTTCCAGAAATCTCTGATGTTTCTGAGCTGGCTCC 1020  
QY 1021 CAGCTGGCGTGTGAGCAGAAATTCGGAACAACCTTGTCTTACTTCCCTAAATCTCCATC 1080  
Db 1021 CAGCTGGCGTGTGAGCAGAAATTCGGAACAACCTTGTCTTACTTCCCTAAATCTCCATC 1080  
QY 1081 TACCTGAGAGATGAGACTCCAGCAGAGTCAATCCGTATCACAATCCCTGAGCTTTAC 1140  
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QY 1141 ATTCAAGCCATGATGGGGGCGGCTGAATTAATGAATGTTACCGATTGGCATTTCGCCCA 1200  
Db 1141 ATTCAAGCCATGATGGGGGCGGCTGAATTAATGAATGTTACCGATTGGCATTTCGCCCA 1200  
QY 1201 TCCACAATATGCGCTGTGTATGCGTCCACGCTGATGAGAGGCTTCTAAGTCACTTGCAC 1260  
Db 1201 TCCACAATATGCGCTGTGTATGCGTCCACGCTGATGAGAGGCTTCTAAGTCACTTGCAC 1260  
QY 1261 AGAGCCCAAGAGAGGTTGGCTTCGACAGCGAGCCCTGTGCAAGAAATGCAAGTGTGCA 1320  
Db 1261 AGAGCCCAAGAGAGGTTGGCTTCGACAGCGAGCCCTGTGCAAGAAATGCAAGTGTGCA 1320  
QY 1321 GTGTCTGAATTTCCGGGCTTTTCTCAACAGAGATGTAGCCAGCAACTGTGTCCCGCT 1380  
Db 1321 GTGTCTGAATTTCCGGGCTTTTCTCAACAGAGATGTAGCCAGCAACTGTGTCCCGCT 1380  
QY 1381 CAGTCTTTGAGCGAGCCCAATTTGTGATTGTGTCTATGCGCTCATGAGCGTGTGTGA 1440  
Db 1381 CAGTCTTTGAGCGAGCCCAATTTGTGATTGTGTCTATGCGCTCATGAGCGTGTGTGA 1440  
QY 1441 GCCATCTCTCTGTCTTAATGCTCTGCTGCTGCGCTTCCGGTGTGAGCGTGGCCCC 1500  
Db 1441 GCCATCTCTCTGTCTTAATGCTCTGCTGCTGCGCTTCCGGTGTGAGCGTGGCCCC 1500  
QY 1501 CGTGACCTGAGGTGCTCAATGATGAGTCTCTCTGCTGAGACATGCTGGAATGAATA 1560  
Db 1501 CGTGACCTGAGGTGCTCAATGATGAGTCTCTCTGCTGAGACATGCTGGAATGAATA 1560  
QY 1561 GCCAGGCTGACCTCAAGCAACCATGAAGTCACTATTAAGAAATCAATTTCCAGGGC 1620  
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QY 1621 AGCAGCGGGATGATGTGGCGCTTCTCTGCTGCCCCAGCCGTTCTCAATCTGTGTTCT 1680  
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QY 1681 GCTCCAGATGCGCTTCTAGATTCAGTGTCTTTGATTCTGATTTTCAAGCTTCAATC 1740  
Db 1681 GCTCCAGATGCGCTTCTAGATTCAGTGTCTTTGATTCTGATTTTCAAGCTTCAATC 1740  
QY 1741 CTCCTACTTCCAGAAAAATTAATAAAAAAACTTCATTCTTAACCAAAAAAA 1800  
Db 1741 CTCCTACTTCCAGAAAAATTAATAAAAAAACTTCATTCTTAACCAAAAAAA 1800  
QY 1801 AAAA 1804  
Db 1801 AAAA 1804

RESULT 9  
US-09-978-295A-195  
; Sequence 195, Application US/09978295A  
; Patent No. US20020156006A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerltzen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J  
; APPLICANT: Kljavin, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James;  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE OF INVENTION: Acids Encoding the Same  
; FILE REFERENCE: P2630P1C11  
; CURRENT APPLICATION NUMBER: US/09/978, 295A  
; CURRENT FILING DATE: 2001-10-15  
; PRIOR APPLICATION NUMBER: 09/918585  
; PRIOR FILING DATE: 2001-07-30  
; PRIOR APPLICATION NUMBER: 60/062250  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/064249  
; PRIOR FILING DATE: 1997-11-03  
; PRIOR APPLICATION NUMBER: 60/065311  
; PRIOR FILING DATE: 1997-11-13  
; PRIOR APPLICATION NUMBER: 60/066364  
; PRIOR FILING DATE: 1997-11-21  
; PRIOR APPLICATION NUMBER: 60/077450  
; PRIOR FILING DATE: 1998-03-10  
; PRIOR APPLICATION NUMBER: 60/077632  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077641  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077649  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077791  
; PRIOR FILING DATE: 1998-03-12  
; PRIOR APPLICATION NUMBER: 60/078004



1	PRIOR FILING DATE: 1998-03-13
2	PRIOR APPLICATION NUMBER: 60/078886
3	PRIOR FILING DATE: 1998-03-20
4	PRIOR APPLICATION NUMBER: 60/078936
5	PRIOR FILING DATE: 1998-03-20
6	PRIOR APPLICATION NUMBER: 60/078910
7	PRIOR FILING DATE: 1998-03-20
8	PRIOR APPLICATION NUMBER: 60/078939
9	PRIOR FILING DATE: 1998-03-20
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69	PRIOR FILING DATE: 1998-04-21
70	PRIOR APPLICATION NUMBER: 60/082704
71	PRIOR FILING DATE: 1998-04-22
72	PRIOR APPLICATION NUMBER: 60/082804
73	PRIOR FILING DATE: 1998-04-22

1	PRIOR APPLICATION NUMBER: 60/082700
2	PRIOR FILING DATE: 1998-04-22
3	PRIOR APPLICATION NUMBER: 60/082797
4	PRIOR FILING DATE: 1998-04-22
5	PRIOR APPLICATION NUMBER: 60/082796
6	PRIOR FILING DATE: 1998-04-23
7	PRIOR APPLICATION NUMBER: 60/083336
8	PRIOR FILING DATE: 1998-04-27
9	PRIOR APPLICATION NUMBER: 60/083322
10	PRIOR FILING DATE: 1998-04-28
11	PRIOR APPLICATION NUMBER: 60/083392
12	PRIOR FILING DATE: 1998-04-29
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32	PRIOR FILING DATE: 1998-05-06
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34	PRIOR FILING DATE: 1998-05-06
35	PRIOR APPLICATION NUMBER: 60/084637
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68	PRIOR FILING DATE: 1998-05-15
69	PRIOR APPLICATION NUMBER: 60/085697

Query Match

98.9%; Score 1784.4; DB 9; Length 1879;



APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James;  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
TITLE OF INVENTION: Acids Encoding the Same  
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; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match 98.9%; Score 1784.4; DB 9; Length 1879;
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Matches 1785; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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## RESULT 11

US-09-978-192A-195

; Sequence 195, Application US/09978192A

; Patent No. US20020177553A1

; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerlitsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kljavin, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James/  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; TITLE OF INVENTION: Acids Encoding the Same  
; FILE REFERENCE: P2630P1C9  
; CURRENT APPLICATION NUMBER: US/09/978,192A  
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; PRIOR FILING DATE: 2001-07-30  
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73	PRIOR FILING DATE: 1998-05-07

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1 PRIOR APPLICATION NUMBER: 60/084639
2 PRIOR FILING DATE: 1998-05-07
3 PRIOR APPLICATION NUMBER: 60/084640
4 PRIOR FILING DATE: 1998-05-07
5 PRIOR APPLICATION NUMBER: 60/084598
6 PRIOR FILING DATE: 1998-05-07
7 PRIOR APPLICATION NUMBER: 60/084600
8 PRIOR FILING DATE: 1998-05-07
9 PRIOR APPLICATION NUMBER: 60/084627
10 PRIOR FILING DATE: 1998-05-07
11 PRIOR APPLICATION NUMBER: 60/084643
12 PRIOR FILING DATE: 1998-05-07
13 PRIOR APPLICATION NUMBER: 60/085339
14 PRIOR FILING DATE: 1998-05-13
15 PRIOR APPLICATION NUMBER: 60/085338
16 PRIOR FILING DATE: 1998-05-13
17 PRIOR APPLICATION NUMBER: 60/085323
18 PRIOR FILING DATE: 1998-05-13
19 PRIOR APPLICATION NUMBER: 60/085582
20 PRIOR FILING DATE: 1998-05-15
21 PRIOR APPLICATION NUMBER: 60/085700
22 PRIOR FILING DATE: 1998-05-15
23 PRIOR APPLICATION NUMBER: 60/085689
24 PRIOR FILING DATE: 1998-05-15
25 PRIOR APPLICATION NUMBER: 60/085579
26 PRIOR FILING DATE: 1998-05-15
27 PRIOR APPLICATION NUMBER: 60/085580
28 PRIOR FILING DATE: 1998-05-15
29 PRIOR APPLICATION NUMBER: 60/085573
30 PRIOR FILING DATE: 1998-05-15
31 PRIOR APPLICATION NUMBER: 60/085704
32 PRIOR FILING DATE: 1998-05-15
33 PRIOR APPLICATION NUMBER: 60/085697

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Query Match	98.9%;	Score 1784.4;	DB 9;	Length 1879;
Best Local Similarity	99.9%;	Pred. No. 0;		
Matches 1785; Conservative	0;	Mismatches	1;	Indels 0;
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QY	61	GCCCCGAGACTGGCCCCCGCGCCCTTCAAGCTGCCCTCCGGGTGGCCGCGCACCAAC	120
Db	154	GCCCCGAGACTGGCCCCCGCGCCCTTCAAGCTGCCCTCCGGGTGGCCGCGCACCAAC	213
QY	121	CGCGTAGTTGGCGCCACCACCCCGGGAACCCGGGACCCCTGCCGAGCCGACCGGCTTG	180
Db	214	CGCGTAGTTGGCGCCACCACCCCGGGAACCCGGGACCCCTGCCGAGCCGACCGGCTTG	273
QY	181	GCGCTCGCCCTGGAGCCTGCCCTGGCGCTCCCCCGCGGGCGCCCAAATTCTTGGCCATG	240
Db	274	GCGCTCGCCCTGGAGCCTGCCCTGGCGCTCCCCCGCGGGCGCCCAAATTCTTGGCCATG	333
QY	241	GTAGACAACCTGCAGGGGGACTCTGGCCCGGCTACTACTGAGATGCTGATCGGGACC	300
Db	334	GTAGACAACCTGCAGGGGGACTCTGGCCCGGCTACTACTGAGATGCTGATCGGGACC	393
QY	301	CCCCCGAGAAGCTACAGATTCTCGTTGACACTGGAAGCATTAATTGGCCGTGGCAGGA	360
Db	394	CCCCCGAGAAGCTACAGATTCTCGTTGACACTGGAAGCATTAATTGGCCGTGGCAGGA	453
QY	361	ACCCGCACTCCTACATAGACACGTACTTTGACACAGAGAGCTTAGACATACCGCTCC	420
Db	454	ACCCGCACTCCTACATAGACACGTACTTTGACACAGAGAGCTTAGACATACCGCTCC	513
QY	421	AAGGCTTTGACGTACAGTGAAGTACACACAAGAAAGCTGGAACGGCTTCGTTGGGGA	480
Db	514	AAGGCTTTGACGTACAGTGAAGTACACACAAGAAAGCTGGAACGGCTTCGTTGGGGA	573
QY	481	GACCTCGTCACCATCCCCAAGGCTCAATACTCTTTCTTGCAACATTGCCACTATT	540
Db	574	GACCTCGTCACCATCCCCAAGGCTCAATACTCTTTCTTGCAACATTGCCACTATT	633

QY 541 TTGGAATCAGAAATTTCTTTTGGCCTGGGATTAATGGAATGGAATACTTGCCCTAGCT 600  
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Db 634 TTGGAATCAGAAATTTCTTTTGGCCTGGGATTAATGGAATGGAATACTTGCCCTAGCT 693  
QY 601 TATGCCACACTTGGCAAGCCATCAAGTTCTCTGAGAGACCTTCTTGCACTCCCTGGTGACA 660  
| | | | |  
Db 694 TATGCCACACTTGGCAAGCCATCAAGTTCTCTGAGAGACCTTCTTGCACTCCCTGGTGACA 753  
QY 661 CAAGCAACATCCCCAAGTTTCTCCATGAGATGTGTGAGAGCCGCTTGCCCGTTGCT 720  
| | | | |  
Db 754 CAAGCAACATCCCCAAGTTTCTCCATGAGATGTGTGAGAGCCGCTTGCCCGTTGCT 813  
QY 721 GGATCTGGGACCAAGAGTAGTCTTGTCTTGGGTGAATTGAACCAAGTTGTATATA 780  
| | | | |  
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QY 781 GGAGACATCTGTATACCCCTATTAAAGAGAGTGTACTACCAAGATAGAAATTTCTGAAA 840  
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| | | | |  
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QY 1081 TACCTGAGAGATGAGAACTCCAGACAGTCAATCCGTATCAATCTCCCTAGCTTAC 1140  
| | | | |  
Db 1174 TACCTGAGAGATGAGAACTCCAGACAGTCAATCCGTATCAATCTCCCTAGCTTAC 1233  
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| | | | |  
Db 1234 ATTGAGCCCATGATGGGGGCGGCGCTGAATTATGATGTTTACCGATTGGCATTTCCCA 1293  
QY 1201 TCCACAATGCGTGTGATCGGTGCAAGGTGATGAGGGCTTCTACGTCACTTTCGAC 1260  
| | | | |  
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QY 1261 AGAGCCCAAGAGAGGGTGGGCTTGCAGAGAGCCCTGTGCAGAAATTCAGAGTCTGCA 1320  
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Db 1354 AGAGCCCAAGAGAGGGTGGGCTTGCAGAGAGCCCTGTGCAGAAATTCAGAGTCTGCA 1413  
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| | | | |  
Db 1414 GTGTCTGAAATTTCCGGGCTTTCTCAACAGAGGATGAGCCAGCAACTGTGTCCCGCT 1473  
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| | | | |  
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| | | | |  
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/ Publication No. US20030004102A1  
/ GENERAL INFORMATION:  
/ APPLICANT: Ashkenazi, Avi  
/ APPLICANT: Baker Kevin P.  
/ APPLICANT: Botstein, David  
/ APPLICANT: Desnoyers, Luc  
/ APPLICANT: Eaton, Dan  
/ APPLICANT: Ferrara, Napoleon  
/ APPLICANT: Filvaroff, Ellen  
/ APPLICANT: Fong, Sherman  
/ APPLICANT: Gao, Wei-Qiang  
/ APPLICANT: Gerber, Hanspeter  
/ APPLICANT: Gerritsen, Mary E.  
/ APPLICANT: Goddard, Audrey  
/ APPLICANT: Godowski, Paul J.  
/ APPLICANT: Grimaldi, J. Christopher  
/ APPLICANT: Guiney, Austin L.  
/ APPLICANT: Hillan, Kenneth J.  
/ APPLICANT: Kijavlin, Ivar J.  
/ APPLICANT: Kuo, Sophia S.  
/ APPLICANT: Napier, Mary A.  
/ APPLICANT: Pan, James  
/ APPLICANT: Paoni, Nicholas F.  
/ APPLICANT: Roy, Margaret Ann  
/ APPLICANT: Shelton, David L.  
/ APPLICANT: Stewart, Timothy A.  
/ APPLICANT: Tumas, Daniel  
/ APPLICANT: Williams, P. Mickey  
/ APPLICANT: Wood, William I.  
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
/ FILE REFERENCE: P2630P1C7  
/ CURRENT APPLICATION NUMBER: US/09/978,189  
/ CURRENT FILING DATE: 2001-10-15  
/ PRIOR APPLICATION NUMBER: 09/918585  
/ PRIOR FILING DATE: 2001-07-30  
/ PRIOR APPLICATION NUMBER: 60/062250  
/ PRIOR FILING DATE: 1997-10-17  
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11	PRIOR FILING DATE: 1998-03-26
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73	PRIOR FILING DATE: 1998-04-22

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70	PRIOR FILING DATE: 1998-05-15	
71	PRIOR APPLICATION	NUMBER: 60/085697

Query Match	98.9%;	Score 1784.4;	DB 10;	Length 1879;
Best Local Similarity	99.9%;	Pred. No. 0;		
Matches 1785; Conservative	0;	Mismatches	1;	Indels 0; Gaps 0;

[illegible]

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QY	1201	TCCACAATATGCGCTGGTATCGGTGCCACGGTATGAGAGGCTTCTACGTCATCTTGAC	1260
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QY	1261	AGAGCCCAAGAGAGGTGGGCTTTCGACGCGAGCCCTGTGCAGAAATTCAGGTGCA	1320
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QY	1321	GTGTCTGAATTTCCGGGCTTTCTCAACAGAGATGTAGCCAGCACTGTGTCCCGCT	1380
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Db	1714	AGCAGCCGGGATCGATGCTGTGGCGCTTCTCTCTGTGCCACCCGCTTCAATCTCTGTCT	1773
QY	1681	GCTCCAGATGCTTCTAGATTCACGTCTTTTGATTTCTGATTTTCAAGCTTCAAAATC	1740
Db	1774	GCTCCAGATGCTTCTAGATTCACGTCTTTTGATTTCTGATTTTCAAGCTTCAAAATC	1833
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; Sequence 195, Application US/09978608A
; Publication No. US20030045462A1
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; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Bosteijn, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerlitsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.

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;  
; APPLICANT: Grimaldi, J. Christopher  
;  
; APPLICANT: Gurney, Austin L.  
;  
; APPLICANT: Hillan, Kenneth J.  
;  
; APPLICANT: Kljavin, Ivar J.  
;  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
;







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QY 1681 GCTCCAGATGCTTCAATCACTGCTTTGATTTCTGATTTCAAGCTTCAATC 1740  
Db 1774 GCTCCAGATGCTTCAATCACTGCTTTGATTTCTGATTTCAAGCTTCAATC 1833  
QY 1741 CTCCCTACTTCCAGAAATAATTAATAAAAAAACTTCATTCTAA 1786  
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GenCore version 5.1.6  
Copyright (c) 1993 - 2004 Compugen Ltd.

OM protein - protein search, using sw model

Run on: March 18, 2004, 07:58:49 ; Search time 40.9242 Seconds

(without alignments)  
3277.736 Million cell updates/sec

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Perfect score: 2687  
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Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 1049977 seqs, 258955339 residues

Total number of hits satisfying chosen parameters: 1049977

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database :

Published Applications AA:\*

- 1: /cgn2\_6/ptodata/1/pubpaa/US07\_PUBCOMB.pep:\*
- 2: /cgn2\_6/ptodata/1/pubpaa/PCT\_NEW\_PUB.pep:\*
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- 5: /cgn2\_6/ptodata/1/pubpaa/US07\_NEW\_PUB.pep:\*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	DB	ID	Description
1	2687	100.0	518	9	US-09-794-927-2	Sequence 2, Appli
2	2687	100.0	518	9	US-09-795-847-2	Sequence 2, Appli
3	2687	100.0	518	9	US-09-794-743-2	Sequence 2, Appli
4	2687	100.0	518	9	US-09-794-748-2	Sequence 2, Appli
5	2687	100.0	518	9	US-09-794-925-2	Sequence 2, Appli
6	2687	100.0	518	9	US-09-215-450-19	Sequence 19, Appli
7	2687	100.0	518	9	US-09-681-442-2	Sequence 2, Appli
8	2687	100.0	518	9	US-09-978-295A-196	Sequence 196, App
9	2687	100.0	518	9	US-09-886-143-2	Sequence 2, Appli
10	2687	100.0	518	9	US-09-978-697-196	Sequence 196, App
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17	2687	100.0	518	10	US-09-978-403A-196	Sequence 196, App
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#### ALIGNMENTS

RESULT 1  
US-09-794-927-2  
Sequence 2, Application US/09794927  
Patent No. US20010016324A1  
GENERAL INFORMATION:  
APPLICANT: Gurney, Mark E.  
APPLICANT: Bienkowski, Michael J.  
APPLICANT: Heintz, Robert L.  
APPLICANT: Parodi, Luis A.  
TITLE OF INVENTION: ALZHEIMER'S DISEASE SECRETASE, APP SUBSTRATES THEREFOR, AND  
TITLE OF INVENTION: USES  
TITLE OF INVENTION: THEREFOR  
FILE REFERENCE: 28341/6280FG  
CURRENT APPLICATION NUMBER: US/09/794,927  
CURRENT FILING DATE: 2001-02-27  
PRIOR APPLICATION NUMBER: 09/416,901  
PRIOR FILING DATE: 1999-10-13  
PRIOR APPLICATION NUMBER: 60/155,493  
PRIOR FILING DATE: 1999-09-23  
PRIOR APPLICATION NUMBER: 09/404,133  
PRIOR FILING DATE: 1999-09-23  
PRIOR APPLICATION NUMBER: PCT/US99/20881  
PRIOR FILING DATE: 1999-09-23  
PRIOR APPLICATION NUMBER: 60/101,594  
PRIOR FILING DATE: 1998-09-24  
NUMBER OF SEQ ID NOS: 73  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 2  
LENGTH: 518  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-09-794-927-2

Query Match 100.0%; Score 2687; DB 9; Length 518;  
Best Local Similarity 100.0%; Pred. No. 3.8e-240;  
Matches 518; Conservative 0; Mismatches 0; Indels 0; Gaps 0;



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; Sequence 2, Application US/09795847
; Patent No. US20010018208A1
; GENERAL INFORMATION:
; APPLICANT: Gurney, Mark E.
; APPLICANT: Bienkowski, Michael J.
; APPLICANT: Heinrichson, Robert L.
; APPLICANT: Parodi, Luis A.
; APPLICANT: Yan, Riqiang
; TITLE OF INVENTION: ALZHEIMER'S DISEASE SECRETASE, APP SUBSTRATES THEREFOR, AND
; TITLE OF INVENTION: USES
; FILE REFERENCE: 28341/6280DE
; CURRENT APPLICATION NUMBER: US/09/795,847
; PRIOR FILING DATE: 2001-02-28
; PRIOR APPLICATION NUMBER: 09/416,901
; PRIOR FILING DATE: 1999-10-13
; PRIOR APPLICATION NUMBER: 60/155,493
; PRIOR FILING DATE: 1999-09-23
; PRIOR APPLICATION NUMBER: 09/404,133
; PRIOR FILING DATE: 1999-09-23
; PRIOR APPLICATION NUMBER: PCT/US99/20881
; PRIOR FILING DATE: 1999-09-23
; PRIOR APPLICATION NUMBER: 60/101,594
; PRIOR FILING DATE: 1998-09-24
; NUMBER OF SEQ ID NOS: 73
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 2
; LENGTH: 518
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-795-847-2

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Query Match 100.0%; Score 2687; DB 9; Length 518;  
Best Local Similarity 100.0%; Pred. No. 3.8e-240;

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; Patent No. US20010021391A1
; GENERAL INFORMATION:
; APPLICANT: Gurney, Mark E.
; APPLICANT: Bienkowski, Michael J.
; APPLICANT: Heinrichson, Robert L.
; APPLICANT: Parodi, Luis A.
; APPLICANT: Yan, Riqiang
; TITLE OF INVENTION: ALZHEIMER'S DISEASE SECRETASE, APP SUBSTRATES THEREFOR, AND
; TITLE OF INVENTION: USES
; FILE REFERENCE: 28341/6280BC
; CURRENT APPLICATION NUMBER: US/09/794,743
; PRIOR FILING DATE: 2001-02-27
; PRIOR APPLICATION NUMBER: 09/416,901
; PRIOR FILING DATE: 1999-10-13
; PRIOR APPLICATION NUMBER: 60/155,493
; PRIOR FILING DATE: 1999-09-23
; PRIOR APPLICATION NUMBER: 09/404,133
; PRIOR FILING DATE: 1999-09-23
; PRIOR APPLICATION NUMBER: PCT/US99/20881
; PRIOR FILING DATE: 1999-09-23
; PRIOR APPLICATION NUMBER: 60/101,594
; PRIOR FILING DATE: 1998-09-24
; NUMBER OF SEQ ID NOS: 73
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 2
; LENGTH: 518
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-794-743-2

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Query Match 100.0%; Score 2687; DB 9; Length 518;  
Best Local Similarity 100.0%; Pred. No. 3.8e-240;  
Matches 518; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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RESULT 4

US-09-794-748-2

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; Sequence 2, Application US/09794748
; Patent No. US20020037315A1
; GENERAL INFORMATION:
; APPLICANT: Gurney, Mark E.
; APPLICANT: Bienkowski, Michael J.
; APPLICANT: Heinrichson, Robert L.
; APPLICANT: Parodi, Luis A.
; APPLICANT: Yan, Riqiang
; TITLE OF INVENTION: ALZHEIMER'S DISEASE SECRETASE, APP SUBSTRATES THEREFOR, AND
; TITLE OF INVENTION: USES
; FILE REFERENCE: 28341/6280JL
; CURRENT APPLICATION NUMBER: US/09/794, 748
; PRIOR FILING DATE: 2001-02-27
; PRIOR APPLICATION NUMBER: 09/416, 901
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; PRIOR APPLICATION NUMBER: 60/155, 493
; PRIOR FILING DATE: 1999-09-23
; PRIOR APPLICATION NUMBER: 09/404, 133
; PRIOR FILING DATE: 1999-09-23
; PRIOR APPLICATION NUMBER: PCT/US99/20881
; PRIOR FILING DATE: 1999-09-23
; PRIOR APPLICATION NUMBER: 60/101, 594
; PRIOR FILING DATE: 1998-09-24
; NUMBER OF SEQ ID NOS: 73
; SOFTWARE: Patentin Ver. 2.0
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; LENGTH: 518
; TYPE: PRT
; ORGANISM: Homo sapiens

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US-09-794-748-2

Query Match 100.0%; Score 2687; DB 9; Length 518;  
Best Local Similarity 100.0%; Pred. No. 3.8e-240;  
Matches 518; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 421 RAQKRVGFAPCAEIAAGAVSEISGPFSTEDVASNCVPAQSLSEPIIMIVSYALMSVCG 480
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DB 481 ALLVLIVLLLPFCQRRPRDPEVYNDESSLVRHRWK 518

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RESULT 5

US-09-794-925-2

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; Sequence 2, Application US/09794925
; Patent No. US20020064819A1
; GENERAL INFORMATION:
; APPLICANT: Gurney, Mark E.
; APPLICANT: Bienkowski, Michael J.
; APPLICANT: Heinrichson, Robert L.
; APPLICANT: Parodi, Luis A.
; APPLICANT: Yan, Riqiang
; TITLE OF INVENTION: ALZHEIMER'S DISEASE SECRETASE, APP SUBSTRATES THEREFOR, AND
; TITLE OF INVENTION: USES
; FILE REFERENCE: 28341/6280H1
; CURRENT APPLICATION NUMBER: US/09/794, 925
; PRIOR FILING DATE: 2001-02-27
; PRIOR APPLICATION NUMBER: 09/416, 901
; PRIOR FILING DATE: 1999-10-13
; PRIOR APPLICATION NUMBER: 60/155, 493
; PRIOR FILING DATE: 1999-09-23
; PRIOR APPLICATION NUMBER: 09/404, 133
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; PRIOR APPLICATION NUMBER: PCT/US99/20881
; PRIOR FILING DATE: 1999-09-23
; PRIOR APPLICATION NUMBER: 60/101, 594
; PRIOR FILING DATE: 1998-09-24
; NUMBER OF SEQ ID NOS: 73
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 2
; LENGTH: 518
; TYPE: PRT

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RESULT 8  
US-09-978-295A-196  
; Sequence 196, Application US/09978295A  
; Patent No. US20020156006A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerltsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kljavin, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James;  
; APPLICANT: Pacni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE REFERENCE: P2630P1C11  
; CURRENT FILING DATE: US/09/978, 295A  
; PRIOR APPLICATION NUMBER: 2001-10-15  
; PRIOR FILING DATE: 2001-07-30  
; PRIOR APPLICATION NUMBER: 60/062250  
; PRIOR FILING DATE: 1997-10-17

;; PRIOR APPLICATION NUMBER: 60/064249  
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;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 2687; DB 9; Length 518;  
Best Local Similarity 100.0%; Pred. No. 3.8e-240;  
Matches 518; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 61 ALALPALASPAGANFLAMVDNLQDGRGYLLEMLIGTPROKQILVDTGSSNFAVAG 120  
QY 121 TPHSYIDTYFDTERSSSTYRSKGFVYVYKTOGSGWTGFGEDLVTLPKGFNTSLVNIATI 180  
DB 121 TPHSYIDTYFDTERSSSTYRSKGFVYVYKTOGSGWTGFGEDLVTLPKGFNTSLVNIATI 180  
QY 181 FESENFPLPGIKWNGILGLAYATTLAKPSSSLETFPDSLVTQANI PNFSMOMGAGLPVA 240  
DB 181 FESENFPLPGIKWNGILGLAYATTLAKPSSSLETFPDSLVTQANI PNFSMOMGAGLPVA 240  
QY 241 GSGTNGSLVVGTEPSLYKGDWYTFIKEMWYQIEILKLEIGGOSLNLDCREYNADKA 300  
DB 241 GSGTNGSLVVGTEPSLYKGDWYTFIKEMWYQIEILKLEIGGOSLNLDCREYNADKA 300  
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DB 301 IVDSGTLRLPQKVFDAVEAVARASLIPEFSDGFMTGSQLA CWTNSETPMSYFPKISI 360  
QY 361 YLRDENSRSFRITILLPOLYIQPMGAGLNYECYRFGISPSSTNALVIGATVMEGFYIIFD 420  
DB 361 YLRDENSRSFRITILLPOLYIQPMGAGLNYECYRFGISPSSTNALVIGATVMEGFYIIFD 420  
QY 421 PAQKRVGFAPSPCAEIAGAAVSEISGPFSTEDVASNCVPAOSLSEPILMIVSYALMSVCG 480  
DB 421 PAQKRVGFAPSPCAEIAGAAVSEISGPFSTEDVASNCVPAOSLSEPILMIVSYALMSVCG 480  
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DB 481 ALLVLIVLLLPFRCCORPRDPPEVYNDESSLVRHRWK 518

RESULT 9  
US-09-886-143-2  
; Sequence 2, Application US/09886143  
; Patent No. US20020159991A1  
; GENERAL INFORMATION:  
; APPLICANT: Cordell, Barbara  
; APPLICANT: Schimmoller, Frauke  
; APPLICANT: Liu, Yu-Wang  
; APPLICANT: Quon, Diana Hom  
; TITLE OF INVENTION: Modulation of A levels by  
; FILE REFERENCE: SCTOS.022A  
; CURRENT APPLICATION NUMBER: US/09/886,143  
; PRIOR FILING DATE: 2001-06-20  
; PRIOR APPLICATION NUMBER: 60/215,729  
; PRIOR FILING DATE: 2000-06-28

NUMBER OF SEQ ID NOS: 6  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 2  
LENGTH: 518  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-09-886-143-2

Query Match 100.0%; Score 2687; DB 9; Length 518;  
Best Local Similarity 100.0%; Pred. No. 3.8e-240;  
Matches 518; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 121 TPHSYIDTYFDTERSSSTYRSKGFVTVKYTGSWTGFVGEDLVTPKGFNTSFLVNIATI 180  
DB 121 TPHSYIDTYFDTERSSSTYRSKGFVTVKYTGSWTGFVGEDLVTPKGFNTSFLVNIATI 180  
QY 181 FESENFLLPGIKMNGILGLAYATLAKRSSLETFFDSLVTQANIPNVFSMOMGAGLPVA 240  
DB 181 FESENFLLPGIKMNGILGLAYATLAKRSSLETFFDSLVTQANIPNVFSMOMGAGLPVA 240  
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DB 241 GSGTNGSLVLGGIEPSLYKGDWYTPKEEWYQIEILKLEIGQSLNLDREYNADKA 300  
QY 301 IVDSGTTLLRLPQKVFDAVEAVASLIPEFSDGFTGSQLACWTNSETPMSYEPKISI 360  
DB 301 IVDSGTTLLRLPQKVFDAVEAVASLIPEFSDGFTGSQLACWTNSETPMSYEPKISI 360  
QY 361 YLRDENSRSRFRITILPOLYIQPMGAGLNYECYRFGISPTNALVIGATVMEGFYVIFD 420  
DB 361 YLRDENSRSRFRITILPOLYIQPMGAGLNYECYRFGISPTNALVIGATVMEGFYVIFD 420  
QY 421 RAQKRVGFAASPCAEIAGAAVSEISGFSTEDVASNCVPAQSLSEPIILMTVSYALMSVCG 480  
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QY 481 AILLVLIIVLLLPFCQRRPRDPEYVNDSSLVRRHMK 518  
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RESULT 10  
US-09-978-697-196  
Sequence 196, Application US/09978697  
Patent No. US20020169284A1  
GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerltzen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.

APPLICANT: Pan, James;  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
TITLE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: P2630P1C27  
CURRENT APPLICATION NUMBER: US/09/978,697  
PRIOR FILING DATE: 2001-10-16  
PRIOR APPLICATION NUMBER: 09/918585  
PRIOR FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/064249  
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;; PRIOR APPLICATION NUMBER: 60/085697

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DB 61 ALALEPALASPAGANFLAMVDNLQDGRGYLLEMLIGTPQKLQILVDTGSSNPAVAG 120  
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DB 121 TPHSYIDTYFDTERSSSTYRSKGFDTYKYTQGSWTGFVGEDLVITPKGNTSFLVNIATI 180  
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QY 361 YLRDENSRSRFRITILLPOLYIQPMWAGLNYECYRFGISPSSTNALVIGATVMEGFYIIFD 420  
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QY 421 RAQKRVGFAPASPCAEIAGAAVSEISGPFSTEDVANSNCVPAQSLSEPIILWISYALMSVCG 480  
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RESULT 11  
US-09-978-192A-196  
Sequence 196, Application US/09978192A  
Patent No. US20020177553A1  
GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Flivaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
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APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2630PIC9  
CURRENT APPLICATION NUMBER: US/09/978,192A  
CURRENT FILING DATE: 2001-10-15  
PRIOR APPLICATION NUMBER: 09/918585  
PRIOR FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
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PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085573
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085704
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 2687; DB 9; Length 518;
Best Local Similarity 100.0%; Pred. No. 3,8e-240;
Matches 518; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 121 TPHSYIDTYFDTERSSYRSKGFVDVTVKYTGSGWTGFGEDLVITPKGFNTSFLVNIATI 180

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DB 241 GSGTNGGSLVLGGIEPSLYKGDIMWTPIKEWYQIEILKLEIGGSLNDCREYNADKA 300
QY 301 IYDSGTTLLRLPQKVPDAVEAVARASLIPFSDGFWTGSQOLACWTNSETFWSYFPKISI 360
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QY 361 YLRDENSRSFRITILPOLYIQPMGAGLNECYRFGISPSSTNALVIGATWMEGFYVIFD 420
DB 361 YLRDENSRSFRITILPOLYIQPMGAGLNECYRFGISPSSTNALVIGATWMEGFYVIFD 420
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DB 481 AILVILVILLPLFRCCORPRDPEVNVNDESSLVRHRWK 518

RESULT 12
US-09-999-832A-196
Sequence 196, Application US/09999832A
Publication No. US20020192706A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerltsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Paol, James
APPLICANT: Paol, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secured and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630P1C63
CURRENT APPLICATION NUMBER: US/09/999,832A
CURRENT FILING DATE: 2001-10-24
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
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PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
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; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 2687; DB 9; Length 518;
Best Local Similarity 100.0%; Pred. No. 3.8e-240;
Matches 518; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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RESULT 13
US-09-978-189-196
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; Publication No. US20030004102A1
; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
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; APPLICANT: Gerltzen, Mary E.
; APPLICANT: Goddard, Audrey
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; APPLICANT: Kljavin, Ivar J.

; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C7
; CURRENT APPLICATION NUMBER: US/09/978,189
; CURRENT FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
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; PRIOR FILING DATE: 1998-03-31
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;; PRIOR APPLICATION NUMBER: 60/085704  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 2687; DB 10; Length 518;  
Best Local Similarity 100.0%; Pred. No. 3.8e-240;  
Matches 518; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MGALAPALLPLLAQMLLRAPAPLAPFTLPLRVAATNRVVAFTPGPTPAERHADGL 60  
DB 1 MGALAPALLPLLAQMLLRAPAPLAPFTLPLRVAATNRVVAFTPGPTPAERHADGL 60  
QY 61 ALALEPALASPAGANFLAMVDNLQDSGRGYLLEMLIGTPQKLQILVDTGSSNFAVAG 120  
DB 61 ALALEPALASPAGANFLAMVDNLQDSGRGYLLEMLIGTPQKLQILVDTGSSNFAVAG 120  
QY 121 TPHSYIDTYFDTERSSSTYRSKGFVDVTVKYTGQSWTGVEGDLVTIPKGFNTSFLVNIATI 180  
DB 121 TPHSYIDTYFDTERSSSTYRSKGFVDVTVKYTGQSWTGVEGDLVTIPKGFNTSFLVNIATI 180  
QY 181 FESENFPLPGIKWNGILGLAYATTLAKRSSSLETFDLSLVQANIPNVFSMOMCGAGLPVA 240  
DB 181 FESENFPLPGIKWNGILGLAYATTLAKRSSSLETFDLSLVQANIPNVFSMOMCGAGLPVA 240  
QY 241 GSGTNGSLVLGGIEPSLYKGDIVWTPIKEWYYQIEILKLEIGQSLNLDREYNADKA 300  
DB 241 GSGTNGSLVLGGIEPSLYKGDIVWTPIKEWYYQIEILKLEIGQSLNLDREYNADKA 300  
QY 301 IVDSGTLRLPQKVFDAVVEAVARASLIPEFSDGFWTGSQLAQWTNSETPWSYFPKTSI 360  
DB 301 IVDSGTLRLPQKVFDAVVEAVARASLIPEFSDGFWTGSQLAQWTNSETPWSYFPKTSI 360  
QY 361 YLRDENSRSFRITILLPOLYIQPMGAGLNYECYRFGISBSTNALVTGATVMEGFYIFD 420  
DB 361 YLRDENSRSFRITILLPOLYIQPMGAGLNYECYRFGISBSTNALVTGATVMEGFYIFD 420  
QY 421 RAQKRVGFAASPCAIEIAGAAVSEISGFSTEDVASNCVPAQSLSEPILMIVSYALMSVCG 480  
DB 421 RAQKRVGFAASPCAIEIAGAAVSEISGFSTEDVASNCVPAQSLSEPILMIVSYALMSVCG 480  
QY 481 AILLVLIVLLLPFCQRRPRDPEYVNDSSLVHRWK 518  
DB 481 AILLVLIVLLLPFCQRRPRDPEYVNDSSLVHRWK 518



Db 481 ALLVLIVLLLPFCQRRPRDPEVNDSSIVRHRWK 518

RESULT 14

US-09-978-608A-196

Sequence 196, Application US/09978608A

Publication No. US20030045462A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi

APPLICANT: Baker Kevin P.

APPLICANT: Botstein, David

APPLICANT: Desnoyers, Luc

APPLICANT: Eaton, Dan

APPLICANT: Ferrara, Napoleon

APPLICANT: Flvaroff, Ellen

APPLICANT: Fong, Sherman

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerber, Hanspeter

APPLICANT: Gerltsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Grimaldi, J. Christopher

APPLICANT: Gurney, Austin L.

APPLICANT: Hillan, Kenneth J.

APPLICANT: Kijavin, Ivar J.

APPLICANT: Kuo, Sophia S.

APPLICANT: Napier, Mary A.

APPLICANT: Pan, James

APPLICANT: Paoni, Nicholas F.

APPLICANT: Roy, Margaret Ann

APPLICANT: Shelton, David L.

APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel

APPLICANT: Williams, P. Mickey

APPLICANT: Wood, William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

TITLE OF INVENTION: Acids Encoding the Same

FILE REFERENCE: P2630P1C22

CURRENT APPLICATION NUMBER: US/09/978,608A

CURRENT FILING DATE: 2001-10-16

NUMBER OF SEQ ID NOS: 624

Prior Application removed - See File Wrapper or Palm

SEQ ID NO 196

LENGTH: 518

TYPE: PRT

ORGANISM: Homo sapien

US-09-978-608A-196

Query Match 100.0%; Score 2687; DB 10; Length 518;

Best Local Similarity 100.0%; Pred. No. 3.8e-240;

Matches 518; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MGALRALLLPLLAQWLRAAPELAPAPFTLPLRVAATNRVVAAPTPGPTPAERHADGL 60

DB 1 MGALRALLLPLLAQWLRAAPELAPAPFTLPLRVAATNRVVAAPTPGPTPAERHADGL 60

QY 61 ALALBPALASPAGANFLAMVDNLQDSSGRGYLLEMLIGTPPOKLIIVDTGSSNFAVAG 120

DB 61 ALALBPALASPAGANFLAMVDNLQDSSGRGYLLEMLIGTPPOKLIIVDTGSSNFAVAG 120

QY 121 TPHSYIDTYFDTERSTYRSKGFVDVTKYTGSGWTFVGEDLVTTIPKGFNTSFLVNIATI 180

DB 121 TPHSYIDTYFDTERSTYRSKGFVDVTKYTGSGWTFVGEDLVTTIPKGFNTSFLVNIATI 180

QY 181 FESENFPLPGIKWNGILGLAYATLAKPSSSLETFPDSLVTQANIPNVFSMOMCGAGLPYA 240

DB 181 FESENFPLPGIKWNGILGLAYATLAKPSSSLETFPDSLVTQANIPNVFSMOMCGAGLPYA 240

QY 241 GSGTNGSIVLGGIEPSLYKGDIMWTPPIKEEMYYQIEILKLEIGGOSINLDCREYNADKA 300

DB 241 GSGTNGSIVLGGIEPSLYKGDIMWTPPIKEEMYYQIEILKLEIGGOSINLDCREYNADKA 300

QY 301 IVDSGTTLLRLPQKVFDAVVAVARASLIPEFSDGFWTGSQLAQWNTNSETPWSYFPKISI 360

Db 301 IVDSGTTLLRLPQKVFDAVVAVARASLIPEFSDGFWTGSQLAQWNTNSETPWSYFPKISI 360

QY 361 YLRDENSRSFRITILPOLYIQPMGAGLNYCYRFGISPSSTNALVIGATVMEGFYIFD 420

DB 361 YLRDENSRSFRITILPOLYIQPMGAGLNYCYRFGISPSSTNALVIGATVMEGFYIFD 420

QY 421 RAQKRVGFAASPCAEIAGAVSEISGPFSTEDVASCNCPAQSLSEPIIIVSYALMSVCG 480

DB 421 RAQKRVGFAASPCAEIAGAVSEISGPFSTEDVASCNCPAQSLSEPIIIVSYALMSVCG 480

QY 481 ALLVLIVLLLPFCQRRPRDPEVNDSSIVRHRWK 518

DB 481 ALLVLIVLLLPFCQRRPRDPEVNDSSIVRHRWK 518

RESULT 15

US-09-978-585A-196

Sequence 196, Application US/09978585A

Publication No. US20030049633A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi

APPLICANT: Baker Kevin P.

APPLICANT: Botstein, David

APPLICANT: Desnoyers, Luc

APPLICANT: Eaton, Dan

APPLICANT: Ferrara, Napoleon

APPLICANT: Flvaroff, Ellen

APPLICANT: Fong, Sherman

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerber, Hanspeter

APPLICANT: Gerltsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Grimaldi, J. Christopher

APPLICANT: Gurney, Austin L.

APPLICANT: Hillan, Kenneth J.

APPLICANT: Kijavin, Ivar J.

APPLICANT: Kuo, Sophia S.

APPLICANT: Napier, Mary A.

APPLICANT: Pan, James

APPLICANT: Paoni, Nicholas F.

APPLICANT: Roy, Margaret Ann

APPLICANT: Shelton, David L.

APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel

APPLICANT: Williams, P. Mickey

APPLICANT: Wood, William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

TITLE OF INVENTION: Acids Encoding the Same

FILE REFERENCE: P2630P1C15

CURRENT APPLICATION NUMBER: US/09/978,585A

CURRENT FILING DATE: 2001-10-16

NUMBER OF SEQ ID NOS: 624

Prior Application removed - See File Wrapper or Palm

SEQ ID NO 196

LENGTH: 518

TYPE: PRT

ORGANISM: Homo sapien

US-09-978-585A-196

Query Match 100.0%; Score 2687; DB 10; Length 518;

Best Local Similarity 100.0%; Pred. No. 3.8e-240;

Matches 518; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MGALRALLLPLLAQWLRAAPELAPAPFTLPLRVAATNRVVAAPTPGPTPAERHADGL 60

DB 1 MGALRALLLPLLAQWLRAAPELAPAPFTLPLRVAATNRVVAAPTPGPTPAERHADGL 60

QY 61 ALALBPALASPAGANFLAMVDNLQDSSGRGYLLEMLIGTPPOKLIIVDTGSSNFAVAG 120

DB 61 ALALBPALASPAGANFLAMVDNLQDSSGRGYLLEMLIGTPPOKLIIVDTGSSNFAVAG 120

QY	121	TPHSYIDTYFPTERSSTYRSKGFDTVYKYTGQSWTGFVGEDLVTIPKGFNTSFLVNIATI	180
Db	121	TPHSYIDTYFPTERSSTYRSKGFDTVYKYTGQSWTGFVGEDLVTIPKGFNTSFLVNIATI	180
QY	181	FESENFLLPGIKWNGILGLAYATLAKPSSLETFFDSLVTQANI PNVPFSMQGAGLPVA	240
Db	181	FESENFLLPGIKWNGILGLAYATLAKPSSLETFFDSLVTQANI PNVPFSMQGAGLPVA	240
QY	241	GGTNGGSLVLGGIEPSLYKGDINWYPIKEWYQIEILKLEIGGQSLNLDCEYNADKA	300
Db	241	GGTNGGSLVLGGIEPSLYKGDINWYPIKEWYQIEILKLEIGGQSLNLDCEYNADKA	300
QY	301	IVDSGTTLLRLPQKVEDAVEAVARASLIPEFSDGFWTGSQOLACWTNSETPWSYFPKISI	360
Db	301	IVDSGTTLLRLPQKVEDAVEAVARASLIPEFSDGFWTGSQOLACWTNSETPWSYFPKISI	360
QY	361	YLRDENSRSFRITITLLPOLYIQPMWGAGLNEYECYRFGISPSSTNALVTGATWEGFYVIFD	420
Db	361	YLRDENSRSFRITITLLPOLYIQPMWGAGLNEYECYRFGISPSSTNALVTGATWEGFYVIFD	420
QY	421	RAQKRVGFPAASPCAIEIAGAAVSEISGPFSTEDVASNCVPAQSLSEPIIWIYSYALMSVCG	480
Db	421	RAQKRVGFPAASPCAIEIAGAAVSEISGPFSTEDVASNCVPAQSLSEPIIWIYSYALMSVCG	480
QY	481	AILLVLLIVLLLLPFRCCQRRPRDPEVYNDESSLVRHRMK	518
Db	481	AILLVLLIVLLLLPFRCCQRRPRDPEVYNDESSLVRHRMK	518

Search completed: March 18, 2004, 08:04:14  
Job time : 42.9242 secs

GenCore version 5.1.6  
Copyright (c) 1993 - 2004 CompuGen Ltd.

OM protein - protein search, using sw model

Run on: March 18, 2004, 07:58:49 ; Search time 32.0758 Seconds  
(without alignments)  
3277.736 Million cell updates/sec

Title: US-09-668-314C-2\_COPY\_63\_468  
Perfect score: 2113  
Sequence: 1 ALEPALASPAGANFLAMVD.....STEDVASNCVPAQISSEPTL 406

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 1049977 seqs, 258955339 residues

Total number of hits satisfying chosen parameters: 1049977

Minimum DB seq length: 0  
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Published Applications AA:\*

1: /cgn2\_6/ptodata/1/pubpaa/US07\_PUBCOMB.pep:\*  
2: /cgn2\_6/ptodata/1/pubpaa/PCT\_NEW\_PUB.pep:\*  
3: /cgn2\_6/ptodata/1/pubpaa/US06\_NEW\_PUB.pep:\*  
4: /cgn2\_6/ptodata/1/pubpaa/US06\_PUBCOMB.pep:\*  
5: /cgn2\_6/ptodata/1/pubpaa/US07\_NEW\_PUB.pep:\*  
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13: /cgn2\_6/ptodata/1/pubpaa/US10A\_PUBCOMB.pep:\*  
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15: /cgn2\_6/ptodata/1/pubpaa/US10C\_PUBCOMB.pep:\*  
16: /cgn2\_6/ptodata/1/pubpaa/US10\_NEW\_PUB.pep:\*  
17: /cgn2\_6/ptodata/1/pubpaa/US60\_NEW\_PUB.pep:\*  
18: /cgn2\_6/ptodata/1/pubpaa/US60\_PUBCOMB.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	2113	100.0	481	14 US-10-106-698-6366	Sequence 6366, App
2	2113	100.0	518	9 US-09-794-927-2	Sequence 2, Appli
3	2113	100.0	518	9 US-09-795-847-2	Sequence 2, Appli
4	2113	100.0	518	9 US-09-794-743-2	Sequence 2, Appli
5	2113	100.0	518	9 US-09-794-748-2	Sequence 2, Appli
6	2113	100.0	518	9 US-09-925-2	Sequence 2, Appli
7	2113	100.0	518	9 US-09-215-450-19	Sequence 2, Appli
8	2113	100.0	518	9 US-09-681-442-2	Sequence 2, Appli
9	2113	100.0	518	9 US-09-978-295A-196	Sequence 196, App
10	2113	100.0	518	9 US-09-886-143-2	Sequence 2, Appli
11	2113	100.0	518	9 US-09-978-697-196	Sequence 196, App
12	2113	100.0	518	9 US-09-978-192A-196	Sequence 196, App
13	2113	100.0	518	9 US-09-999-832A-196	Sequence 196, App
14	2113	100.0	518	10 US-09-978-189-196	Sequence 196, App
15	2113	100.0	518	10 US-09-978-608A-196	Sequence 196, App

16	2113	100.0	518	10 US-09-978-585A-196	Sequence 196, App
17	2113	100.0	518	10 US-09-978-191A-196	Sequence 196, App
18	2113	100.0	518	10 US-09-978-403A-196	Sequence 196, App
19	2113	100.0	518	10 US-09-978-564A-196	Sequence 196, App
20	2113	100.0	518	10 US-09-999-833A-196	Sequence 196, App
21	2113	100.0	518	10 US-09-981-915A-196	Sequence 196, App
22	2113	100.0	518	10 US-09-978-824-196	Sequence 196, App
23	2113	100.0	518	10 US-09-918-585A-196	Sequence 196, App
24	2113	100.0	518	10 US-09-978-423A-196	Sequence 196, App
25	2113	100.0	518	10 US-09-978-187B-196	Sequence 196, App
26	2113	100.0	518	10 US-09-869-414-2	Sequence 2, Appli
27	2113	100.0	518	10 US-09-999-830A-196	Sequence 196, App
28	2113	100.0	518	10 US-09-978-757A-196	Sequence 196, App
29	2113	100.0	518	10 US-09-978-187B-196	Sequence 196, App
30	2113	100.0	518	10 US-09-548-366-2	Sequence 2, Appli
31	2113	100.0	518	10 US-09-978-643A-196	Sequence 196, App
32	2113	100.0	518	10 US-09-978-375A-196	Sequence 196, App
33	2113	100.0	518	10 US-09-978-298A-196	Sequence 196, App
34	2113	100.0	518	10 US-09-978-188A-196	Sequence 196, App
35	2113	100.0	518	10 US-09-978-681A-196	Sequence 196, App
36	2113	100.0	518	10 US-09-978-194A-196	Sequence 196, App
37	2113	100.0	518	10 US-09-999-829A-196	Sequence 196, App
38	2113	100.0	518	10 US-09-978-299A-196	Sequence 196, App
39	2113	100.0	518	10 US-09-978-544A-196	Sequence 196, App
40	2113	100.0	518	10 US-09-978-665A-196	Sequence 196, App
41	2113	100.0	518	10 US-09-978-802A-196	Sequence 196, App
42	2113	100.0	518	12 US-10-164-749A-196	Sequence 196, App
43	2113	100.0	518	12 US-10-206-915-72	Sequence 72, Appli
44	2113	100.0	518	12 US-10-199-670-72	Sequence 72, Appli
45	2113	100.0	518	12 US-10-201-858-72	Sequence 72, Appli

ALIGNMENTS

RESULT 1  
US-10-106-698-6366  
; Sequence 6366, Application US/10106698  
; Publication No. US20030109690A1  
; GENERAL INFORMATION:  
; APPLICANT: Ruben et al.  
; TITLE OF INVENTION: Colon and Colon Cancer Associated Polynucleotides and Polypept  
; FILE REFERENCE: PA005P1  
; CURRENT APPLICATION NUMBER: US/10/106,698  
; PRIOR FILING DATE: 2002-03-27  
; PRIOR APPLICATION NUMBER: PCT/US00/26524  
; PRIOR FILING DATE: 2000-09-28  
; PRIOR APPLICATION NUMBER: US 60/157,137  
; PRIOR FILING DATE: 1999-09-29  
; PRIOR APPLICATION NUMBER: US 60/163,280  
; PRIOR FILING DATE: 1999-11-03  
; NUMBER OF SEQ ID NOS: 8564  
; SOFTWARE: PatentIn Ver. 3.0  
; SEQ ID NO 6366  
; LENGTH: 481  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-106-698-6366

Query Match 100.0%; Score 2113; DB 14; Length 481;  
Best Local Similarity 100.0%; Pred. No. 5.2e-203;  
Matches 406; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ALEPALASPAGANFLAMVDNLQDSDGRGYLEMLIGTPPOKTLIVDTGSSNFAVAGTP 60  
DB 26 ALEPALASPAGANFLAMVDNLQDSDGRGYLEMLIGTPPOKTLIVDTGSSNFAVAGTP 85  
QY HSYIDTYFDTERSSYRSKGFDTVKYTGSGTGVGEDLVITPKGFNTSFLVNIATIFE 120  
DB HSYIDTYFDTERSSYRSKGFDTVKYTGSGTGVGEDLVITPKGFNTSFLVNIATIFE 145  
QY SENFLPGIKWNGILGLAYATLAKPSSSLTFPDSLVTQANIPIVFSNMCGAGLPVAGS 180



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Db 146 SENFLLPGIKNNGILGLAYATLAKBSSSLETFFDLSLVTOANIPNVFSMOMCGAGLPVAGS 205
QY 181 GTNGSLVLGGIEPSLYKGDWYTPPIKEWYQIIEILKLEIGGOSLNDCREYNADKAIV 240
Db 206 GTNGSLVLGGIEPSLYKGDWYTPPIKEWYQIIEILKLEIGGOSLNDCREYNADKAIV 265
QY 241 DSGTLLRLPQKVFDAVEAVARASLIPEFSDGFWTGSQIACWTNSETPWSYFPKISITL 300
Db 266 DSGTLLRLPQKVFDAVEAVARASLIPEFSDGFWTGSQIACWTNSETPWSYFPKISITL 325
QY 301 RDENSSRSFRITILLPOLYIQPMGAGLNYECYRFGISPSSTNALVIGATWMEGFYVIFDRA 360
Db 326 RDENSSRSFRITILLPOLYIQPMGAGLNYECYRFGISPSSTNALVIGATWMEGFYVIFDRA 385
QY 361 QKRVGFPAASPCAEIAGAAVSEISGPFSTEDVASNCVPAQSISEPIL 406
Db 386 QKRVGFPAASPCAEIAGAAVSEISGPFSTEDVASNCVPAQSISEPIL 431
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## RESULT 2

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US-09-794-927-2
; Sequence 2, Application US/09794927
; Patent No. US20010016324A1
; GENERAL INFORMATION:
; APPLICANT: Gurney, Mark E.
; APPLICANT: Bienkowski, Michael J.
; APPLICANT: Heinrichson, Robert L.
; APPLICANT: Parodi, Luis A.
; APPLICANT: Yan, Riqiang
; TITLE OF INVENTION: ALZHEIMER'S DISEASE SECRETASE, APP SUBSTRATES THEREFOR, AND
; TITLE OF INVENTION: USES
; FILE REFERENCE: 28341/6280FG
; CURRENT APPLICATION NUMBER: US/09/794,927
; PRIOR FILING DATE: 2001-02-27
; PRIOR APPLICATION NUMBER: 09/416,901
; PRIOR FILING DATE: 1999-10-13
; PRIOR APPLICATION NUMBER: 60/155,493
; PRIOR FILING DATE: 1999-09-23
; PRIOR APPLICATION NUMBER: 09/404,133
; PRIOR FILING DATE: 1999-09-23
; PRIOR APPLICATION NUMBER: PCT/US99/20881
; PRIOR FILING DATE: 1999-09-23
; PRIOR APPLICATION NUMBER: 60/101,594
; PRIOR FILING DATE: 1998-09-24
; NUMBER OF SEQ ID NOS: 73
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2
; LENGTH: 518
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-794-927-2
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Query Match 100.0%; Score 2113; DB 9; Length 518;
Best Local Similarity 100.0%; Pred. No. 5.8e-203;
Matches 406; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY 1 ALEPALASPAGANFLAMVDNLQDSGRGYLLEMLIGTPPQKLQILVDTGSSNFAVAGTP 60
Db 63 ALEPALASPAGANFLAMVDNLQDSGRGYLLEMLIGTPPQKLQILVDTGSSNFAVAGTP 122
QY 61 HSYIDTYFDTERRSSTYRSKGFDTVTKYTQGSWTGFVGEDLVITPKGFNTSFLVNIATIFE 120
Db 123 HSYIDTYFDTERRSSTYRSKGFDTVTKYTQGSWTGFVGEDLVITPKGFNTSFLVNIATIFE 182
QY 121 SENFLLPGIKNNGILGLAYATLAKBSSSLETFFDLSLVTOANIPNVFSMOMCGAGLPVAGS 180
Db 183 SENFLLPGIKNNGILGLAYATLAKBSSSLETFFDLSLVTOANIPNVFSMOMCGAGLPVAGS 242
QY 181 GTNGSLVLGGIEPSLYKGDWYTPPIKEWYQIIEILKLEIGGOSLNDCREYNADKAIV 240
Db 243 GTNGSLVLGGIEPSLYKGDWYTPPIKEWYQIIEILKLEIGGOSLNDCREYNADKAIV 302
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QY 241 DSGTLLRLPQKVFDAVEAVARASLIPEFSDGFWTGSQIACWTNSETPWSYFPKISITL 300
Db 303 DSGTLLRLPQKVFDAVEAVARASLIPEFSDGFWTGSQIACWTNSETPWSYFPKISITL 362
QY 301 RDENSSRSFRITILLPOLYIQPMGAGLNYECYRFGISPSSTNALVIGATWMEGFYVIFDRA 360
Db 363 RDENSSRSFRITILLPOLYIQPMGAGLNYECYRFGISPSSTNALVIGATWMEGFYVIFDRA 422
QY 361 QKRVGFPAASPCAEIAGAAVSEISGPFSTEDVASNCVPAQSISEPIL 406
Db 423 QKRVGFPAASPCAEIAGAAVSEISGPFSTEDVASNCVPAQSISEPIL 468
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## RESULT 3

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US-09-795-847-2
; Sequence 2, Application US/09795847
; Patent No. US20010018208A1
; GENERAL INFORMATION:
; APPLICANT: Gurney, Mark E.
; APPLICANT: Bienkowski, Michael J.
; APPLICANT: Heinrichson, Robert L.
; APPLICANT: Parodi, Luis A.
; APPLICANT: Yan, Riqiang
; TITLE OF INVENTION: ALZHEIMER'S DISEASE SECRETASE, APP SUBSTRATES THEREFOR, AND
; TITLE OF INVENTION: USES
; FILE REFERENCE: 28341/6280DE
; CURRENT APPLICATION NUMBER: US/09/795,847
; PRIOR FILING DATE: 2001-02-28
; PRIOR APPLICATION NUMBER: 09/416,901
; PRIOR FILING DATE: 1999-10-13
; PRIOR APPLICATION NUMBER: 60/155,493
; PRIOR FILING DATE: 1999-09-23
; PRIOR APPLICATION NUMBER: 09/404,133
; PRIOR FILING DATE: 1999-09-23
; PRIOR APPLICATION NUMBER: PCT/US99/20881
; PRIOR FILING DATE: 1999-09-23
; PRIOR APPLICATION NUMBER: 60/101,594
; PRIOR FILING DATE: 1998-09-24
; NUMBER OF SEQ ID NOS: 73
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2
; LENGTH: 518
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-795-847-2
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Query Match 100.0%; Score 2113; DB 9; Length 518;
Best Local Similarity 100.0%; Pred. No. 5.8e-203;
Matches 406; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY 1 ALEPALASPAGANFLAMVDNLQDSGRGYLLEMLIGTPPQKLQILVDTGSSNFAVAGTP 60
Db 63 ALEPALASPAGANFLAMVDNLQDSGRGYLLEMLIGTPPQKLQILVDTGSSNFAVAGTP 122
QY 61 HSYIDTYFDTERRSSTYRSKGFDTVTKYTQGSWTGFVGEDLVITPKGFNTSFLVNIATIFE 120
Db 123 HSYIDTYFDTERRSSTYRSKGFDTVTKYTQGSWTGFVGEDLVITPKGFNTSFLVNIATIFE 182
QY 121 SENFLLPGIKNNGILGLAYATLAKBSSSLETFFDLSLVTOANIPNVFSMOMCGAGLPVAGS 180
Db 183 SENFLLPGIKNNGILGLAYATLAKBSSSLETFFDLSLVTOANIPNVFSMOMCGAGLPVAGS 242
QY 181 GTNGSLVLGGIEPSLYKGDWYTPPIKEWYQIIEILKLEIGGOSLNDCREYNADKAIV 240
Db 243 GTNGSLVLGGIEPSLYKGDWYTPPIKEWYQIIEILKLEIGGOSLNDCREYNADKAIV 302
QY 241 DSGTLLRLPQKVFDAVEAVARASLIPEFSDGFWTGSQIACWTNSETPWSYFPKISITL 300
Db 303 DSGTLLRLPQKVFDAVEAVARASLIPEFSDGFWTGSQIACWTNSETPWSYFPKISITL 362
QY 301 RDENSSRSFRITILLPOLYIQPMGAGLNYECYRFGISPSSTNALVIGATWMEGFYVIFDRA 360
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DB 363 RDENSSRSFRITILPOLYIQPMGAGLNECYRFGISPSSTNALVIGATVMEGFYIFDRA 422

QY 361 QKRVGFPAASPCAEIAGAAVSEISGPFSTEDVASNCVPAQSLSEPI 406  
DB 423 QKRVGFPAASPCAEIAGAAVSEISGPFSTEDVASNCVPAQSLSEPI 468

# RESULT 4

US-09-794-743-2  
; Sequence 2, Application US/09794743  
; Patent No. US20010021391A1  
; GENERAL INFORMATION:  
; APPLICANT: Gurney, Mark E.  
; APPLICANT: Bienkowski, Michael J.  
; APPLICANT: Heintzson, Robert L.  
; APPLICANT: Parodi, Luis A.  
; APPLICANT: Yan, Riqiang  
; TITLE OF INVENTION: ALZHEIMER'S DISEASE SECRETASE, APP SUBSTRATES THEREFOR, AND  
; TITLE OF INVENTION: USES  
; FILE REFERENCE: 28341/6280BC  
; CURRENT APPLICATION NUMBER: US/09/794,743  
; CURRENT FILING DATE: 2001-02-27  
; PRIOR APPLICATION NUMBER: 09/416,901  
; PRIOR FILING DATE: 1999-10-13  
; PRIOR APPLICATION NUMBER: 60/155,493  
; PRIOR FILING DATE: 1999-09-23  
; PRIOR APPLICATION NUMBER: 09/404,133  
; PRIOR FILING DATE: 1999-09-23  
; PRIOR APPLICATION NUMBER: PCT/US99/20881  
; PRIOR FILING DATE: 1999-09-23  
; PRIOR APPLICATION NUMBER: 60/101,594  
; PRIOR FILING DATE: 1998-09-24  
; NUMBER OF SEQ ID NOS: 73  
; SOFTWARE: Patentin Ver. 2.0  
; SEQ ID NO 2  
; LENGTH: 518  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-794-743-2

Query Match 100.0%; Score 2113; DB 9; Length 518;  
Best Local Similarity 100.0%; Pred. No. 5.8e-203;  
Matches 406; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ALBPALASPAGANFLAMVDNLQDSGGRYLEMLIGTPPOKLQILVDTGSSNFAVAGTP 60  
DB 63 ALBPALASPAGANFLAMVDNLQDSGGRYLEMLIGTPPOKLQILVDTGSSNFAVAGTP 122  
QY 61 HSYIDTYFDTERSSSTRSKGFDVTVKYTGQSWTGFVGEDLVTPKGFNTSFLVNIAITFE 120  
DB 123 HSYIDTYFDTERSSSTRSKGFDVTVKYTGQSWTGFVGEDLVTPKGFNTSFLVNIAITFE 182  
QY 121 SENFFLPGIKMWGILGLAYATLAKPSSSLETFDLSLVTOANI PNVSFMOGAGLPVAGS 180  
DB 183 SENFFLPGIKMWGILGLAYATLAKPSSSLETFDLSLVTOANI PNVSFMOGAGLPVAGS 242  
QY 181 GTNGGSLVLGGIEPSLYKGDIMWTPPIKEWYYQIEILKLEIGQSLNLD CREYNADKAIV 240  
DB 243 GTNGGSLVLGGIEPSLYKGDIMWTPPIKEWYYQIEILKLEIGQSLNLD CREYNADKAIV 302  
QY 241 DSGTTLRLPQKVFDAVEAVARASLIPEFSDGFWTGSQACWTNSETPWSYFPKISITYL 300  
DB 303 DSGTTLRLPQKVFDAVEAVARASLIPEFSDGFWTGSQACWTNSETPWSYFPKISITYL 362  
QY 301 RDENSSRSFRITILPOLYIQPMGAGLNECYRFGISPSSTNALVIGATVMEGFYIFDRA 360  
DB 363 RDENSSRSFRITILPOLYIQPMGAGLNECYRFGISPSSTNALVIGATVMEGFYIFDRA 422  
QY 361 QKRVGFPAASPCAEIAGAAVSEISGPFSTEDVASNCVPAQSLSEPI 406  
DB 423 QKRVGFPAASPCAEIAGAAVSEISGPFSTEDVASNCVPAQSLSEPI 468

# RESULT 5

US-09-794-748-2  
; Sequence 2, Application US/09794748  
; Patent No. US20020037315A1  
; GENERAL INFORMATION:  
; APPLICANT: Gurney, Mark E.  
; APPLICANT: Bienkowski, Michael J.  
; APPLICANT: Heintzson, Robert L.  
; APPLICANT: Parodi, Luis A.  
; APPLICANT: Yan, Riqiang  
; TITLE OF INVENTION: ALZHEIMER'S DISEASE SECRETASE, APP SUBSTRATES THEREFOR, AND  
; TITLE OF INVENTION: USES  
; FILE REFERENCE: 28341/6280JL  
; CURRENT APPLICATION NUMBER: US/09/794,748  
; CURRENT FILING DATE: 2001-02-27  
; PRIOR APPLICATION NUMBER: 09/416,901  
; PRIOR FILING DATE: 1999-10-13  
; PRIOR APPLICATION NUMBER: 60/155,493  
; PRIOR FILING DATE: 1999-09-23  
; PRIOR APPLICATION NUMBER: 09/404,133  
; PRIOR FILING DATE: 1999-09-23  
; PRIOR APPLICATION NUMBER: PCT/US99/20881  
; PRIOR FILING DATE: 1999-09-23  
; PRIOR APPLICATION NUMBER: 60/101,594  
; PRIOR FILING DATE: 1998-09-24  
; NUMBER OF SEQ ID NOS: 73  
; SOFTWARE: Patentin Ver. 2.0  
; SEQ ID NO 2  
; LENGTH: 518  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-794-748-2

Query Match 100.0%; Score 2113; DB 9; Length 518;  
Best Local Similarity 100.0%; Pred. No. 5.8e-203;  
Matches 406; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ALBPALASPAGANFLAMVDNLQDSGGRYLEMLIGTPPOKLQILVDTGSSNFAVAGTP 60  
DB 63 ALBPALASPAGANFLAMVDNLQDSGGRYLEMLIGTPPOKLQILVDTGSSNFAVAGTP 122  
QY 61 HSYIDTYFDTERSSSTRSKGFDVTVKYTGQSWTGFVGEDLVTPKGFNTSFLVNIAITFE 120  
DB 123 HSYIDTYFDTERSSSTRSKGFDVTVKYTGQSWTGFVGEDLVTPKGFNTSFLVNIAITFE 182  
QY 121 SENFFLPGIKMWGILGLAYATLAKPSSSLETFDLSLVTOANI PNVSFMOGAGLPVAGS 180  
DB 183 SENFFLPGIKMWGILGLAYATLAKPSSSLETFDLSLVTOANI PNVSFMOGAGLPVAGS 242  
QY 181 GTNGGSLVLGGIEPSLYKGDIMWTPPIKEWYYQIEILKLEIGQSLNLD CREYNADKAIV 240  
DB 243 GTNGGSLVLGGIEPSLYKGDIMWTPPIKEWYYQIEILKLEIGQSLNLD CREYNADKAIV 302  
QY 241 DSGTTLRLPQKVFDAVEAVARASLIPEFSDGFWTGSQACWTNSETPWSYFPKISITYL 300  
DB 303 DSGTTLRLPQKVFDAVEAVARASLIPEFSDGFWTGSQACWTNSETPWSYFPKISITYL 362  
QY 301 RDENSSRSFRITILPOLYIQPMGAGLNECYRFGISPSSTNALVIGATVMEGFYIFDRA 360  
DB 363 RDENSSRSFRITILPOLYIQPMGAGLNECYRFGISPSSTNALVIGATVMEGFYIFDRA 422  
QY 361 QKRVGFPAASPCAEIAGAAVSEISGPFSTEDVASNCVPAQSLSEPI 406  
DB 423 QKRVGFPAASPCAEIAGAAVSEISGPFSTEDVASNCVPAQSLSEPI 468

# RESULT 6

US-09-794-925-2  
; Sequence 2, Application US/09794925  
; Patent No. US20020064819A1  
; GENERAL INFORMATION:

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; APPLICANT: Gurney, Mark E.
; APPLICANT: Bienkowski, Michael J.
; APPLICANT: Heinrichson, Robert L.
; APPLICANT: Parodi, Luis A.
; APPLICANT: Yan, Riqiang
; TITLE OF INVENTION: ALZHEIMER'S DISEASE SECRETASE, APP SUBSTRATES THEREFOR, AND USES
; FILE REFERENCE: 28341/6280HI
; CURRENT APPLICATION NUMBER: US/09/794,925
; PRIOR FILING DATE: 2001-02-27
; PRIOR APPLICATION NUMBER: 09/416,901
; PRIOR FILING DATE: 1999-10-13
; PRIOR APPLICATION NUMBER: 60/155,493
; PRIOR FILING DATE: 1999-09-23
; PRIOR APPLICATION NUMBER: 09/404,133
; PRIOR FILING DATE: 1999-09-23
; PRIOR APPLICATION NUMBER: PCT/US99/20881
; PRIOR FILING DATE: 1999-09-23
; PRIOR APPLICATION NUMBER: 60/101,594
; PRIOR FILING DATE: 1998-09-24
; NUMBER OF SEQ ID NOS: 73
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 2
; LENGTH: 518
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-794-925-2

Query Match      100.0%; Score 2113; DB 9; Length 518;
Best Local Similarity 100.0%; Pred. No. 5.8e-203;
Matches 406; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 ALEPALASPAGANFLAMVDNLQDSEGRGYLLEMLIGTPPKLQILVDTGSSNFAVAGTP 60
DB      63 ALEPALASPAGANFLAMVDNLQDSEGRGYLLEMLIGTPPKLQILVDTGSSNFAVAGTP 122
QY      61 HSYIDTYFDTERSTYRSKGFDTVTKYTOGSMWTFVGEDLVITIPKGFNTSFLVNIAITFE 120
DB      123 HSYIDTYFDTERSTYRSKGFDTVTKYTOGSMWTFVGEDLVITIPKGFNTSFLVNIAITFE 182
QY      121 SENFLLPGIKWNGILGLAYATLAKPSSLETFPDSLVTQANIPNVFSMOMCGAGLPVAGS 180
DB      183 SENFLLPGIKWNGILGLAYATLAKPSSLETFPDSLVTQANIPNVFSMOMCGAGLPVAGS 242
QY      181 GTNGGSLVLGGIEPSLYKGDIMWYTPIKEWYQIEILKLEIGQSLNLDCREYNADKAIV 240
DB      243 GTNGGSLVLGGIEPSLYKGDIMWYTPIKEWYQIEILKLEIGQSLNLDCREYNADKAIV 302
QY      241 DSGTTLRLPQKYFDVAVEAVARASLIPEFSDGFWTGSQIACWTNSETPWSYFPKISITL 300
DB      303 DSGTTLRLPQKYFDVAVEAVARASLIPEFSDGFWTGSQIACWTNSETPWSYFPKISITL 362
QY      301 RDNSSRSFRITLLPOLYIQPMGAGLNYECYRFGISPSSTNALVIGATVMEGFYVIFDRA 360
DB      363 RDNSSRSFRITLLPOLYIQPMGAGLNYECYRFGISPSSTNALVIGATVMEGFYVIFDRA 422
QY      361 QKRVGFASPACETIAGAAVSEISGPFSTEDVASNCVPAQSLSEPTL 406
DB      423 QKRVGFASPACETIAGAAVSEISGPFSTEDVASNCVPAQSLSEPTL 468

RESULT 7
US-09-215-450-19
; Sequence 19, Application US/09215450
; Patent No. US20020068278A1
; GENERAL INFORMATION:
; APPLICANT: Giese, Klaus
; APPLICANT: Xin, Hong
; TITLE OF INVENTION: METASTATIC BREAST AND COLON CANCER REGULATED GENES
; FILE REFERENCE: 1451.100 / 210030.447
; CURRENT APPLICATION NUMBER: US/09/215,450
; CURRENT FILING DATE: 1998-12-17
; NUMBER OF SEQ ID NOS: 27
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; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 19
; LENGTH: 518
; TYPE: PRT
; ORGANISM: human
; US-09-215-450-19
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Query Match      100.0%; Score 2113; DB 9; Length 518;
Best Local Similarity 100.0%; Pred. No. 5.8e-203;
Matches 406; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY      1 ALEPALASPAGANFLAMVDNLQDSEGRGYLLEMLIGTPPKLQILVDTGSSNFAVAGTP 60
DB      63 ALEPALASPAGANFLAMVDNLQDSEGRGYLLEMLIGTPPKLQILVDTGSSNFAVAGTP 122
QY      61 HSYIDTYFDTERSTYRSKGFDTVTKYTOGSMWTFVGEDLVITIPKGFNTSFLVNIAITFE 120
DB      123 HSYIDTYFDTERSTYRSKGFDTVTKYTOGSMWTFVGEDLVITIPKGFNTSFLVNIAITFE 182
QY      121 SENFLLPGIKWNGILGLAYATLAKPSSLETFPDSLVTQANIPNVFSMOMCGAGLPVAGS 180
DB      183 SENFLLPGIKWNGILGLAYATLAKPSSLETFPDSLVTQANIPNVFSMOMCGAGLPVAGS 242
QY      181 GTNGGSLVLGGIEPSLYKGDIMWYTPIKEWYQIEILKLEIGQSLNLDCREYNADKAIV 240
DB      243 GTNGGSLVLGGIEPSLYKGDIMWYTPIKEWYQIEILKLEIGQSLNLDCREYNADKAIV 302
QY      241 DSGTTLRLPQKYFDVAVEAVARASLIPEFSDGFWTGSQIACWTNSETPWSYFPKISITL 300
DB      303 DSGTTLRLPQKYFDVAVEAVARASLIPEFSDGFWTGSQIACWTNSETPWSYFPKISITL 362
QY      301 RDNSSRSFRITLLPOLYIQPMGAGLNYECYRFGISPSSTNALVIGATVMEGFYVIFDRA 360
DB      363 RDNSSRSFRITLLPOLYIQPMGAGLNYECYRFGISPSSTNALVIGATVMEGFYVIFDRA 422
QY      361 QKRVGFASPACETIAGAAVSEISGPFSTEDVASNCVPAQSLSEPTL 406
DB      423 QKRVGFASPACETIAGAAVSEISGPFSTEDVASNCVPAQSLSEPTL 468
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RESULT 8
US-09-681-442-2
; Sequence 2, Application US/09681442
; Patent No. US20020081634A1
; GENERAL INFORMATION:
; APPLICANT: Gurney, Mark E.
; APPLICANT: Bienkowski, Michael J.
; APPLICANT: Heinrichson, Robert L.
; APPLICANT: Parodi, Luis A.
; APPLICANT: Yan, Riqiang
; TITLE OF INVENTION: ALZHEIMER'S DISEASE SECRETASE, APP SUBSTRATES THEREFOR, AND U
; FILE REFERENCE: 28341/6280FG
; CURRENT APPLICATION NUMBER: US/09/681,442
; PRIOR FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 09/416,901
; PRIOR FILING DATE: 1999-10-13
; PRIOR APPLICATION NUMBER: 60/155,493
; PRIOR FILING DATE: 1999-09-23
; PRIOR APPLICATION NUMBER: 09/404,133
; PRIOR FILING DATE: 1999-09-23
; PRIOR APPLICATION NUMBER: PCT/US99/20881
; PRIOR FILING DATE: 1999-09-23
; PRIOR APPLICATION NUMBER: 60/101,594
; PRIOR FILING DATE: 1998-09-24
; NUMBER OF SEQ ID NOS: 73
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 2
; LENGTH: 518
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-681-442-2
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Query Match 100.0%; Score 2113; DB 9; Length 518;  
Best Local Similarity 100.0%; Pred. No. 5,8e-203;  
Matches 406; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ALEPALASPAGANFLAVNDNQDSGRGYLEMLIGTPPKLQILVDTGSSNFAVAGTP 60  
DB 63 ALEPALASPAGANFLAVNDNQDSGRGYLEMLIGTPPKLQILVDTGSSNFAVAGTP 122

QY 61 HSYIDTYFDTERSSSTRSKGPDVTVKYTGSGWTFVGEDLVITPKGNTSFLVNIATIFE 120  
DB 123 HSYIDTYFDTERSSSTRSKGPDVTVKYTGSGWTFVGEDLVITPKGNTSFLVNIATIFE 182

QY 121 SENFELPGIKWNGILGLAYATLAKPSSSLETFFDSLVTQANIPNVFSMQCGAGLPVAGS 180  
DB 183 SENFELPGIKWNGILGLAYATLAKPSSSLETFFDSLVTQANIPNVFSMQCGAGLPVAGS 242

QY 181 GTNGSSLVLGGIEPSLYKEDIWYTPIKEWYQIEILKLEIGGQSLNLDREYNADKAIY 240  
DB 243 GTNGSSLVLGGIEPSLYKEDIWYTPIKEWYQIEILKLEIGGQSLNLDREYNADKAIY 302

QY 241 DSGTTLRLPQKVFDAVAVARASLIPEFSDFWTGSQLACWNTSETPWSYFPKISITL 300  
DB 303 DSGTTLRLPQKVFDAVAVARASLIPEFSDFWTGSQLACWNTSETPWSYFPKISITL 362

QY 301 RDENSSRSFRITILPOLYIQPMGAGLNYECYRFGISPSSTNALVIGATWMEGFYVIPDRA 360  
DB 363 RDENSSRSFRITILPOLYIQPMGAGLNYECYRFGISPSSTNALVIGATWMEGFYVIPDRA 422

QY 361 QKRVGAASPCAEIAGAIVSEISGFSTEDVASNVCVPAQSLSEPTL 406  
DB 423 QKRVGAASPCAEIAGAIVSEISGFSTEDVASNVCVPAQSLSEPTL 468

RESULT 9  
US-09-978-295A-196  
; Sequence 196, Application US/09978295A  
; Patent No. US20020156006A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kijavlin, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James;  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE REFERENCE: P2630P1C11  
; CURRENT APPLICATION NUMBER: US/09/978,295A  
; PRIOR FILING DATE: 2001-10-15  
; PRIOR APPLICATION NUMBER: 09/918585  
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 PRIOR APPLICATION NUMBER: 60/085704  
 PRIOR FILING DATE: 1998-05-15  
 PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 2113; DB 9; Length 518;  
 Best Local Similarity 100.0%; Pred. No. 5.8e-203;  
 Matches 406; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 61 HSYIDTFPDTERRSSTYRSKGFDTVTKYTOGSGWTFVGEDLVTPKGFNTSFLVNIATIFE 120  
 DB 123 HSYIDTFPDTERRSSTYRSKGFDTVTKYTOGSGWTFVGEDLVTPKGFNTSFLVNIATIFE 182

QY 121 SENFPLPGIKWNGILGLAVATLAKPSSSLETFPDLSVTQANIPNVFSMONGAGLPVAGS 180  
 DB 183 SENFPLPGIKWNGILGLAVATLAKPSSSLETFPDLSVTQANIPNVFSMONGAGLPVAGS 242

QY 181 GTNGGSLVGLGIEPSLYKGDITWYTPKKEWYQIETILKLEIGQSILNDCREYNADKATV 240  
 DB 243 GTNGGSLVGLGIEPSLYKGDITWYTPKKEWYQIETILKLEIGQSILNDCREYNADKATV 302

QY 241 DSGTTLRLPQKVFDAVVEAVARASLIPEFSDGFMTGSQACWNTSEFPWSYFPKISITL 300  
 DB 303 DSGTTLRLPQKVFDAVVEAVARASLIPEFSDGFMTGSQACWNTSEFPWSYFPKISITL 362

QY 301 RDENSRSRFRITILPOLYIQPMMGAGLNYECYRFGISPSSTNALVIGATYNEGFYVIFDRA 360  
 DB 363 RDENSRSRFRITILPOLYIQPMMGAGLNYECYRFGISPSSTNALVIGATYNEGFYVIFDRA 422

QY 361 QKRVGFAASPCAEIAGAAYSEISGFSTEDVANSNCVPAQSLSEPI 406  
 DB 423 QKRVGFAASPCAEIAGAAYSEISGFSTEDVANSNCVPAQSLSEPI 468

RESULT 10  
 US-09-886-143-2  
 Sequence 2, Application US/09886143  
 Patent No. US20020159991A1  
 GENERAL INFORMATION:  
 APPLICANT: Cordell, Barbara  
 APPLICANT: Schimmoller, Frauke  
 APPLICANT: Liu, Yu-Wang  
 APPLICANT: Quon, Diana Hom  
 TITLE OF INVENTION: Modulation of A levels by  
 TITLE OF INVENTION: Secretase BACE2  
 FILE REFERENCE: SCIOS.022A  
 CURRENT APPLICATION NUMBER: US/09/886,143  
 CURRENT FILING DATE: 2001-06-20  
 PRIOR APPLICATION NUMBER: 60/215,729  
 PRIOR FILING DATE: 2000-06-28  
 NUMBER OF SEQ ID NOS: 6  
 SOFTWARE: FastSeq for Windows Version 4.0  
 SEQ ID NO 2  
 LENGTH: 518  
 TYPE: PRT  
 ORGANISM: Homo sapiens  
 US-09-886-143-2

Query Match 100.0%; Score 2113; DB 9; Length 518;  
Best Local Similarity 100.0%; Pred. No. 5,8e-203;  
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QY 301 RDENSRSRFRITILPOLYIQPMGAGLNYECYRFGISPSSTNALVIGATWMEGFYVIFDRA 360  
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DB 423 QKRVGFAPSPCAEIAAGAVSEISGFSTEDVASNCVPAQSLSEPTL 468

RESULT 11

US-09-978-697-196  
Sequence 196, Application US/09978697  
Patent No. US20020169284A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerltzen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Paoli, James;  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2630P1C27  
CURRENT APPLICATION NUMBER: US/09/978,697  
PRIOR FILING DATE: 2001-10-16  
PRIOR APPLICATION NUMBER: 09/918585  
PRIOR FILING DATE: 2001-07-30

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;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085697

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RESULT 12  
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; Sequence 196, Application US/09978192A  
; Patent No. US20020177553A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerlitsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Grimaldi, Paul J.  
; APPLICANT: Gurney, J. Christopher  
; APPLICANT: Hillan, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kljavin, Ivar J.

APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James/  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
TITLE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: P2630P1C9  
CURRENT APPLICATION NUMBER: US/09/978,192A  
CURRENT FILING DATE: 2001-10-15  
PRIOR APPLICATION NUMBER: 09/918585  
PRIOR FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 60/062250  
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; PRIOR FILING DATE: 1998-05-15
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; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 2113; DB 9; Length 518;
Best Local Similarity 100.0%; Pred. No. 5.8e-203;
Matches 406; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ALEPALASPAGANFLAMVDNLQDSGRGYLEMLIGTPPOKLQILVDTGSSNPAVAGTP 60
DB 63 ALEPALASPAGANFLAMVDNLQDSGRGYLEMLIGTPPOKLQILVDTGSSNPAVAGTP 122
QY 61 HSYIDTYFDTERSSSTYRSKSGDVTVKYTOGSGTWGVEDLVTIKGFNTSFLVNIATIFE 120
DB 123 HSYIDTYFDTERSSSTYRSKSGDVTVKYTOGSGTWGVEDLVTIKGFNTSFLVNIATIFE 182
QY 121 SENFPLPGIKWNGILGLAYATLAKPSSSLETFFDSLVTOANIPNVFSMCMGAGLPVAGS 180
DB 183 SENFPLPGIKWNGILGLAYATLAKPSSSLETFFDSLVTOANIPNVFSMCMGAGLPVAGS 242
QY 181 GTNGGSLVLGIEPSLYKGDWYTPIKEEMVYQIEIKLEIGGQSLNLDREYNADKATV 240
DB 243 GTNGGSLVLGIEPSLYKGDWYTPIKEEMVYQIEIKLEIGGQSLNLDREYNADKATV 302
QY 241 DSGTTLRLPQKVFDAVVEAVARASLIPEFSDGFWTGSQACWTNSETPMSYFPKISIVL 300
DB 303 DSGTTLRLPQKVFDAVVEAVARASLIPEFSDGFWTGSQACWTNSETPMSYFPKISIVL 362
QY 301 RDENSSRSFRITILPOLYIOPMAGALNYECYRFGISPSSTNALVIGATVMEGFYVIFDRA 360
DB 363 RDENSSRSFRITILPOLYIOPMAGALNYECYRFGISPSSTNALVIGATVMEGFYVIFDRA 422
QY 361 QKRVGFASPACAEIAGAAVSEISGPFSTEDVASNCVPAQSLSEPI 406
DB 423 QKRVGFASPACAEIAGAAVSEISGPFSTEDVASNCVPAQSLSEPI 468

RESULT 13
US-09-999-832A-196
; Sequence 196, Application US/09999832A
; Publication No. US20020192706A1
; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C63
; CURRENT APPLICATION NUMBER: US/09/999, 832A
; PRIOR FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: 09/918585
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;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 2113; DB 9; Length 518;  
Best Local Similarity 100.0%; Pred. No. 5,8e-203;  
Matches 406; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 63 ALBPALASPAGANFLAMVDNLQDSSGRGYLLEMLIGTPPKQIQLVDTGSSNFAVAGTP 122  
QY 61 HSYIDTYFDTERSTYRSKGFVDVYKYGSGWTGFGVEDLVITIPKGFNTSFLVNATIFE 120  
DB 123 HSYIDTYFDTERSTYRSKGFVDVYKYGSGWTGFGVEDLVITIPKGFNTSFLVNATIFE 182  
QY 121 SENFPLPGIKXNGILGLAYATLAKPSSSLETFPDSLVTQANIPNVFSMOMCGAGLPVAGS 180  
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QY 181 GTNGGSLVVGIEPSLYKGDWYTPKKEWYQIEILKLEIGGQSLNLDCREYNADKAIY 240  
DB 243 GTNGGSLVVGIEPSLYKGDWYTPKKEWYQIEILKLEIGGQSLNLDCREYNADKAIY 302  
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QY 361 QKRVGFAASPCAEIAGAAVSEISGPFSTEDVASNCVPAOSLSEPTL 406  
DB 423 QKRVGFAASPCAEIAGAAVSEISGPFSTEDVASNCVPAOSLSEPTL 468

RESULT 14

US-09-978-189-196  
; Sequence 196, Application US/09978189  
; Publication No. US20030004102A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
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; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gottfredsen, Mary E.  
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; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kijavini, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James;  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE REFERENCE: P2630P1C7  
; CURRENT APPLICATION NUMBER: US/09/978,189  
; PRIOR APPLICATION NUMBER: 2001-10-15  
; PRIOR FILING DATE: 2001-07-30  
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; PRIOR FILING DATE: 1997-10-17  
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; PRIOR APPLICATION NUMBER: 60/081819  
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; PRIOR APPLICATION NUMBER: 60/081952  
; PRIOR FILING DATE: 1998-04-15  
; PRIOR APPLICATION NUMBER: 60/081838  
; PRIOR FILING DATE: 1998-04-15  
; PRIOR APPLICATION NUMBER: 60/082568  
; PRIOR FILING DATE: 1998-04-21  
; PRIOR APPLICATION NUMBER: 60/082569  
; PRIOR FILING DATE: 1998-04-21  
; PRIOR APPLICATION NUMBER: 60/082704  
; PRIOR FILING DATE: 1998-04-22  
; PRIOR APPLICATION NUMBER: 60/082804  
; PRIOR FILING DATE: 1998-04-22  
; PRIOR APPLICATION NUMBER: 60/082700  
; PRIOR FILING DATE: 1998-04-22  
; PRIOR APPLICATION NUMBER: 60/082797

PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082796  
PRIOR FILING DATE: 1998-04-23  
PRIOR APPLICATION NUMBER: 60/083336  
PRIOR FILING DATE: 1998-04-27  
PRIOR APPLICATION NUMBER: 60/083322  
PRIOR FILING DATE: 1998-04-28  
PRIOR APPLICATION NUMBER: 60/083392  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083495  
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PRIOR FILING DATE: 1998-04-29  
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PRIOR FILING DATE: 1998-04-29  
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PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083554  
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PRIOR APPLICATION NUMBER: 60/083558  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083559  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083500  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083742  
PRIOR FILING DATE: 1998-04-30  
PRIOR APPLICATION NUMBER: 60/084366  
PRIOR FILING DATE: 1998-05-05  
PRIOR APPLICATION NUMBER: 60/084414  
PRIOR FILING DATE: 1998-05-06  
PRIOR APPLICATION NUMBER: 60/084441  
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PRIOR FILING DATE: 1998-05-07  
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PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085338  
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PRIOR FILING DATE: 1998-05-15  
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PRIOR APPLICATION NUMBER: 60/085579  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085580  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085573  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085704  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 2113; DB 10; Length 518;  
Best Local Similarity 100.0%; Pred. No. 5,8e-203;  
Matches 406; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ALEPALASPAGANFLAMVDNLOGDSGRGYLLEMLIGTPQKLOILVDTGSSNFAVAGTP 60  
Db 63 ALEPALASPAGANFLAMVDNLOGDSGRGYLLEMLIGTPQKLOILVDTGSSNFAVAGTP 122  
QY 61 HSYIDTYPDTERSSYRSKGFVTVKYTGSWTGFVGEDVLTIPKGFNTSFLVNIATIFE 120  
Db 123 HSYIDTYPDTERSSYRSKGFVTVKYTGSWTGFVGEDVLTIPKGFNTSFLVNIATIFE 182  
QY 121 SENFPLPGIKWNGILGLAYATLAKPSSSLETFDLSLTQANIPNVFSMOMCGALPVAGS 180  
Db 183 SENFPLPGIKWNGILGLAYATLAKPSSSLETFDLSLTQANIPNVFSMOMCGALPVAGS 242  
QY 181 GTNGSLVGLGIEPSLYKGDIMWYTPIKEWYQIEILKLEIGGOSINLDCREYNADKAIV 240  
Db 243 GTNGSLVGLGIEPSLYKGDIMWYTPIKEWYQIEILKLEIGGOSINLDCREYNADKAIV 302  
QY 241 DSGTTLRLPQKVEDAVEAVARASLIPEFSDGFMTGSQACWTNSETPWSYFPKISITL 300  
Db 303 DSGTTLRLPQKVEDAVEAVARASLIPEFSDGFMTGSQACWTNSETPWSYFPKISITL 362  
QY 301 RDENSSRSFRITILPOLYTOPMKGAGLNYECYRFGISPTNALVIGATVMEGFYIFDRA 360  
Db 363 RDENSSRSFRITILPOLYTOPMKGAGLNYECYRFGISPTNALVIGATVMEGFYIFDRA 422  
QY 361 QKRVGFAASPCAIEIAGAASVETSGPSTEDVASNCVPAQSLSEBIL 406  
Db 423 QKRVGFAASPCAIEIAGAASVETSGPSTEDVASNCVPAQSLSEBIL 468

RESULT 15  
US-09-978-608A-196  
; Sequence 196, Application US/09978608A  
; Publication No. US20030045462A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Baton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J  
; APPLICANT: Kljavin, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James;  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; TITLE OF INVENTION: Acids Encoding the Same  
; FILE REFERENCE: P2630P1C22  
; CURRENT APPLICATION NUMBER: US/09/978, 608A  
; CURRENT FILING DATE: 2001-10-16  
; NUMBER OF SEQ ID NOS: 624  
; Prior Application removed - See File Wrapper or Palm  
; SEQ ID NO 196  
; LENGTH: 518  
; TYPE: PRT  
; ORGANISM: Homo sapien  
US-09-978-608A-196

Query Match 100.0%; Score 2113; DB 10; Length 518;  
Best Local Similarity 100.0%; Pred. No. 5.8e-203;  
Matches 406; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY	1	ALBPALASPAGANFLAMVDNIQDSDGRGYYLEMLIGTPPOKLQILVDTGSSNFAVAGTP	60
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QY	61	HSYIDTFDTERSSSTRSKGFVTVKYTOGSGWTGFGEDLVTIPKGFNTSFLVNIATIFE	120
DB	123	HSYIDTFDTERSSSTRSKGFVTVKYTOGSGWTGFGEDLVTIPKGFNTSFLVNIATIFE	182
QY	121	SENFLLPGIKWNGILGLAYATIAKPSSSLETFFPDSLVTQANIPNVFSNQMGAGLPVAGS	180
DB	183	SENFLLPGIKWNGILGLAYATIAKPSSSLETFFPDSLVTQANIPNVFSNQMGAGLPVAGS	242
QY	181	GTNGGSLVGGIEPSLYKGDWYTPIKEWYQIEILKLEIGGQSLNDCREYNADKAIV	240
DB	243	GTNGGSLVGGIEPSLYKGDWYTPIKEWYQIEILKLEIGGQSLNDCREYNADKAIV	302
QY	241	DSGTTLLRLPQKVFDAVVEAVARASLIPEFSDGFWTGSQACWTNSETPWSYFPKISIYL	300
DB	303	DSGTTLLRLPQKVFDAVVEAVARASLIPEFSDGFWTGSQACWTNSETPWSYFPKISIYL	362
QY	301	RDENSSRSFRITILPQLYIQPMGAGLNYECYRFGISPSTNALVIGATWMEGFYVIFDRA	360
DB	363	RDENSSRSFRITILPQLYIQPMGAGLNYECYRFGISPSTNALVIGATWMEGFYVIFDRA	422
QY	361	QKRVGFASPACAEIAGAAVSEISGPFSTEDVASNCVPAQSLSEPTL	406
DB	423	QKRVGFASPACAEIAGAAVSEISGPFSTEDVASNCVPAQSLSEPTL	468

Search completed: March 18, 2004, 08:04:15  
Job time : 33.0758 secs

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OM protein - protein search, using sw model

Run on: March 18, 2004, 06:48:12 ; Search time 53.9747 Seconds

(without alignments)  
249.481 Million cell updates/sec

Title: US-09-877-606-3

Perfect score: 292

Sequence: 1 NHTTWLEWREINNTSLIH.....NEQELLEDKVASIMWFI 52

Scoring table: BIOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 1049977 seqs, 258955339 residues

Total number of hits satisfying chosen parameters: 1049977

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Published Applications AA:\*  
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18: /cgn2\_6/ptodata/1/pubpaa/US60\_PUBCOMB.pep:\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	290	99.3	268	9	US-09-854-816-16
2	290	99.3	344	14	US-10-040-349B-1
3	290	99.3	359	14	US-10-214-670-58
4	290	99.3	519	9	US-09-756-551A-8
5	290	99.3	856	9	US-09-476-242-1
6	290	99.3	856	14	US-10-196-515-11
7	277	94.9	56	9	US-09-779-451-4
8	277	94.9	177	14	US-10-040-349B-2
9	277	94.9	200	14	US-10-263-103-25
10	277	94.9	200	15	US-10-438-691-8
11	277	94.9	221	14	US-10-059-271-84
12	277	94.9	232	14	US-10-059-271-81
13	277	94.9	254	14	US-10-059-271-82
14	277	94.9	256	14	US-10-059-271-97
15	277	94.9	268	9	US-09-854-816-17

16	277	94.9	268	9	US-09-854-816-18	Sequence 18, Appl
17	277	94.9 <td>338</td> <td>12</td> <td>US-10-267-682-90</td> <td>Sequence 90, Appl</td>	338	12	US-10-267-682-90	Sequence 90, Appl
18	277	94.9 <td>345</td> <td>9</td> <td>US-09-779-451-8</td> <td>Sequence 8, Appl</td>	345	9	US-09-779-451-8	Sequence 8, Appl
19	277	94.9 <td>345</td> <td>14</td> <td>US-10-026-741-49</td> <td>Sequence 49, Appl</td>	345	14	US-10-026-741-49	Sequence 49, Appl
20	277	94.9 <td>391</td> <td>14</td> <td>US-10-059-271-93</td> <td>Sequence 93, Appl</td>	391	14	US-10-059-271-93	Sequence 93, Appl
21	277	94.9 <td>853</td> <td>13</td> <td>US-10-003-035-33</td> <td>Sequence 33, Appl</td>	853	13	US-10-003-035-33	Sequence 33, Appl
22	277	94.9 <td>853</td> <td>14</td> <td>US-10-286-332A-33</td> <td>Sequence 33, Appl</td>	853	14	US-10-286-332A-33	Sequence 33, Appl
23	277	94.9 <td>853</td> <td>15</td> <td>US-10-286-915-33</td> <td>Sequence 33, Appl</td>	853	15	US-10-286-915-33	Sequence 33, Appl
24	277	94.9 <td>861</td> <td>14</td> <td>US-10-026-741-103</td> <td>Sequence 103, Appl</td>	861	14	US-10-026-741-103	Sequence 103, Appl
25	277	94.9 <td>1101</td> <td>13</td> <td>US-10-003-035-53</td> <td>Sequence 53, Appl</td>	1101	13	US-10-003-035-53	Sequence 53, Appl
26	277	94.9 <td>1101</td> <td>14</td> <td>US-10-286-332A-53</td> <td>Sequence 53, Appl</td>	1101	14	US-10-286-332A-53	Sequence 53, Appl
27	277	94.9 <td>1101</td> <td>15</td> <td>US-10-280-915-53</td> <td>Sequence 53, Appl</td>	1101	15	US-10-280-915-53	Sequence 53, Appl
28	277	94.9 <td>1186</td> <td>13</td> <td>US-10-003-035-55</td> <td>Sequence 55, Appl</td>	1186	13	US-10-003-035-55	Sequence 55, Appl
29	277	94.9 <td>1186</td> <td>14</td> <td>US-10-286-332A-55</td> <td>Sequence 55, Appl</td>	1186	14	US-10-286-332A-55	Sequence 55, Appl
30	277	94.9 <td>1186</td> <td>15</td> <td>US-10-280-915-55</td> <td>Sequence 55, Appl</td>	1186	15	US-10-280-915-55	Sequence 55, Appl
31	274	93.8	268	9	US-09-854-816-19	Sequence 19, Appl
32	267	91.4	58	12	US-10-267-682-210	Sequence 210, Appl
33	267	91.4	58	14	US-10-252-136-11	Sequence 11, Appl
34	262	89.7	726	14	US-10-196-515-3	Sequence 3, Appl
35	262	89.7	759	14	US-10-196-515-12	Sequence 12, Appl
36	261	89.4	48	14	US-10-351-641-547	Sequence 547, Appl
37	260	89.0	269	9	US-09-854-816-46	Sequence 46, Appl
38	259	88.7	268	9	US-09-854-816-13	Sequence 13, Appl
39	256	87.7	46	9	US-09-779-451-41	Sequence 41, Appl
40	255	87.3	47	12	US-10-267-682-219	Sequence 219, Appl
41	255	87.3	269	9	US-09-854-816-43	Sequence 43, Appl
42	254	87.0	268	9	US-09-854-816-9	Sequence 9, Appl
43	253	86.6	269	9	US-09-854-816-12	Sequence 12, Appl
44	252.5	86.5	57	12	US-10-267-682-158	Sequence 158, Appl
45	252	86.3	269	9	US-09-854-816-28	Sequence 28, Appl

## ALIGNMENTS

RESULT 1  
US-09-854-816-16  
Sequence 16, Application US/09854816  
Patent No. US20020151473A1  
GENERAL INFORMATION:  
APPLICANT: Andrew C. Braisted  
J. Kevin Judice  
Robert S. McDowell  
J. Christopher Phelan  
Melissa A. Starovashnik  
James A. Wells  
TITLE OF INVENTION: Constrained Helical Peptides and Methods of Making Same  
NUMBER OF SEQUENCES: 113  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Genentech, Inc.  
STREET: 1 DNA way  
CITY: South San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94080  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WinPatIn (Genentech)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/854, 816  
FILING DATE: 15-May-2001  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/965, 056  
FILING DATE: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: Torchia, Ph.D., Timothy E.  
REGISTRATION NUMBER: 36,700  
REFERENCE/DOCKET NUMBER: P1005R2  
TELECOMMUNICATION INFORMATION:



TELEPHONE: 650/225-8674  
TELEFAX: 650/952-9881  
INFORMATION FOR SEQ ID NO: 16:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 268 amino acids  
TYPE: Amino Acid  
TOPOLOGY: Linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 16:  
US-09-854-816-16

Query Match 99.3%; Score 290; DB 9; Length 268;  
Best Local Similarity 98.1%; Pred. No. 4.7e-24;  
Matches 51; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 NHTTWLEWDREINNYTSLIHSLIEESQNOEKNEQELLELDKWSLWNWFI 52  
DB 154 NHTTWLEWDREINNYTSLIHSLIEESQNOEKNEQELLELDKWSLWNWFI 205

RESULT 2  
US-10-040-349B-1  
Sequence 1, Application US/10040349B  
Publication No. US20030082521A1  
GENERAL INFORMATION:  
APPLICANT: Brasseur, Robert  
APPLICANT: Charlotiaux, Benoit  
APPLICANT: Chevalier, Michel  
APPLICANT: El Habib, Raphaelle  
APPLICANT: Krell, Tino  
TITLE OF INVENTION: Polypeptide Inducing Antibodies Neutralizing HIV  
FILE REFERENCE: 01-078-A  
CURRENT APPLICATION NUMBER: US/10/040,349B  
CURRENT FILING DATE: 2002-07-09  
NUMBER OF SEQ ID NOS: 2  
SOFTWARE: Patentin version 3.0  
SEQ ID NO 1  
LENGTH: 344  
TYPE: PRT  
ORGANISM: Human immunodeficiency virus type 1  
FEATURE:  
NAME/KEY: Peptide  
LOCATION: (1)..(344)  
OTHER INFORMATION: 9P41 LAI protein  
US-10-040-349B-1

Query Match 99.3%; Score 290; DB 14; Length 344;  
Best Local Similarity 98.1%; Pred. No. 6.1e-24;  
Matches 51; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 NHTTWLEWDREINNYTSLIHSLIEESQNOEKNEQELLELDKWSLWNWFI 52  
DB 113 NHTTWLEWDREINNYTSLIHSLIEESQNOEKNEQELLELDKWSLWNWFI 164

RESULT 3  
US-10-214-670-58  
Sequence 58, Application US/10214670  
Publication No. US20030180715A1  
GENERAL INFORMATION:  
APPLICANT: Tibotec Pharmaceuticals Ltd.  
TITLE OF INVENTION: Methods and means for assessing HIV envelope inhibitor  
FILE REFERENCE: VIP-0021 seq listing  
CURRENT APPLICATION NUMBER: US/10/214,670  
CURRENT FILING DATE: 2002-08-08  
PRIOR APPLICATION NUMBER: EP 01203011.0  
PRIOR FILING DATE: 2001-08-08  
PRIOR APPLICATION NUMBER: US 60/310497  
PRIOR FILING DATE: 2001-08-08  
NUMBER OF SEQ ID NOS: 62  
SOFTWARE: Patentin Ver. 2.1  
SEQ ID NO 58  
LENGTH: 359

TYPE: PRT  
ORGANISM: Human immunodeficiency virus  
US-10-214-670-58

Query Match 99.3%; Score 290; DB 14; Length 359;  
Best Local Similarity 98.1%; Pred. No. 6.4e-24;  
Matches 51; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 NHTTWLEWDREINNYTSLIHSLIEESQNOEKNEQELLELDKWSLWNWFI 52  
DB 135 NHTTWLEWDREINNYTSLIHSLIEESQNOEKNEQELLELDKWSLWNWFI 186

RESULT 4  
US-09-756-551A-8  
Sequence 8, Application US/09756551A  
Patent No. US20020051768A1  
GENERAL INFORMATION:  
APPLICANT: C. Morrow et al.  
TITLE OF INVENTION: ENCAPSIDATED RECOMBINANT VIRAL  
TITLE OF INVENTION: NUCLEIC ACID AND METHODS OF MAKING AND  
TITLE OF INVENTION: USING SAME  
NUMBER OF SEQUENCES: 23  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: LAHIVE & COCKFIELD  
STREET: 28 STATE STREET  
CITY: BOSTON  
STATE: MASSACHUSETTS  
COUNTRY: USA  
ZIP: 02109  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: ASCII  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/756,551A  
FILING DATE: 08-JAN-2001  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/376,184  
FILING DATE: 17-AUG-1999  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/987,867  
FILING DATE: 09-DEC-1997  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/389,459  
FILING DATE: 15-FEB-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/087,009  
FILING DATE: 01-JUL-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Lauro, Peter C.  
REGISTRATION NUMBER: 32,360  
REFERENCE/DOCKET NUMBER: UAI-004CPDV2CN  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (617) 227-7400  
TELEFAX: (617) 742-4214  
INFORMATION FOR SEQ ID NO: 8:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 519 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-09-756-551A-8

Query Match 99.3%; Score 290; DB 9; Length 519;  
Best Local Similarity 98.1%; Pred. No. 9.5e-24;  
Matches 51; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 NHTTWLEWDREINNYTSLIHSLIEESQNOEKNEQELLELDKWSLWNWFI 52

Db 420 NHTTWEMDREINNTSLIHSLSIESQNOQEKNEQELLEDKWSLMMWNTI 471

## RESULT 5

US-09-476-242-1  
; Sequence 1, Application US/09476242  
; Patent No. US20020146683A1  
; GENERAL INFORMATION:  
; APPLICANT: BARNETT, Susan  
; APPLICANT: HARTOG, Karin  
; APPLICANT: MARTIN, Eric  
; TITLE OF INVENTION: MODIFIED HIV ENV POLYPEPTIDES  
; FILE REFERENCE: 1605.002  
; CURRENT APPLICATION NUMBER: US/09/476,242  
; CURRENT FILING DATE: 1999-12-30  
; NUMBER OF SEQ ID NOS: 26  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 1  
; LENGTH: 856  
; TYPE: PRT  
; ORGANISM: Human immunodeficiency virus  
US-09-476-242-1

Query Match 99.3%; Score 290; DB 9; Length 856;  
Best Local Similarity 98.1%; Pred. No. 1.6e-23;  
Matches 51; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 NHTTWLEMDREINNTSLIHSLSIESQNOQEKNEQELLEDKWSLMMWNTI 52  
Db 624 NHTTWEMDREINNTSLIHSLSIESQNOQEKNEQELLEDKWSLMMWNTI 675

## RESULT 6

US-10-196-515-11  
; Sequence 11, Application US/10196515  
; Publication No. US20030091594A1  
; GENERAL INFORMATION:  
; APPLICANT: HOKIE, James A.  
; APPLICANT: LABRANCHE, Celia C.  
; APPLICANT: DOMS, Robert W.  
; APPLICANT: HOFMAN, Trevor L.  
; TITLE OF INVENTION: CD4-INDEPENDENT HIV ENVELOPE PROTEINS AS VACCINES AND  
; TITLE OF INVENTION: THERAPEUTICS  
; FILE REFERENCE: Hoxie 9596-104U1 (0282)  
; CURRENT APPLICATION NUMBER: US/10/196,515  
; CURRENT FILING DATE: 2002-07-16  
; PRIOR APPLICATION NUMBER: US/09/337,387  
; PRIOR FILING DATE: 1999-06-22  
; PRIOR APPLICATION NUMBER: US 09/317,556  
; PRIOR FILING DATE: 1999-05-24  
; NUMBER OF SEQ ID NOS: 12  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 11  
; LENGTH: 856  
; TYPE: PRT  
; ORGANISM: Human immunodeficiency virus type 1  
US-10-196-515-11

Query Match 99.3%; Score 290; DB 14; Length 856;  
Best Local Similarity 98.1%; Pred. No. 1.6e-23;  
Matches 51; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 NHTTWLEMDREINNTSLIHSLSIESQNOQEKNEQELLEDKWSLMMWNTI 52  
Db 624 NHTTWEMDREINNTSLIHSLSIESQNOQEKNEQELLEDKWSLMMWNTI 675

RESULT 7  
US-09-779-451-4  
; Sequence 4, Application US/09779451  
; Patent No. US20020094521A1  
; GENERAL INFORMATION:

; APPLICANT: Wild, Carl T.  
; APPLICANT: Allaway, Graham P.  
; TITLE OF INVENTION: Assay for Detection of Viral Fusion Inhibitors  
; FILE REFERENCE: 1900.0300003  
; CURRENT APPLICATION NUMBER: US/09/779,451  
; CURRENT FILING DATE: 2001-08-17  
; PRIOR APPLICATION NUMBER: US 60/235,901  
; PRIOR FILING DATE: 2000-09-28  
; PRIOR APPLICATION NUMBER: US 60/181,543  
; PRIOR FILING DATE: 2000-02-10  
; NUMBER OF SEQ ID NOS: 77  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 4  
; LENGTH: 56  
; TYPE: PRT  
; ORGANISM: Human immunodeficiency virus type 1  
US-09-779-451-4

Query Match 94.9%; Score 277; DB 9; Length 56;  
Best Local Similarity 94.2%; Pred. No. 2.3e-23;  
Matches 49; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1 NHTTWLEMDREINNTSLIHSLSIESQNOQEKNEQELLEDKWSLMMWNTI 52  
Db 2 NNTTWEMDREINNTSLIHSLSIESQNOQEKNEQELLEDKWSLMMWNTI 53

## RESULT 8

US-10-040-349B-2  
; Sequence 2, Application US/10040349B  
; Publication No. US20030082521A1  
; GENERAL INFORMATION:  
; APPLICANT: Brasseur, Robert  
; APPLICANT: Charlotiaux, Benoit  
; APPLICANT: Chevalier, Michel  
; APPLICANT: El Habib, Raphaelle  
; APPLICANT: Krell, Tino  
; TITLE OF INVENTION: Polypeptide Inducing Antibodies Neutralizing HIV  
; FILE REFERENCE: 01-078-A  
; CURRENT APPLICATION NUMBER: US/10/040,349B  
; CURRENT FILING DATE: 2002-07-09  
; NUMBER OF SEQ ID NOS: 2  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 2  
; LENGTH: 177  
; TYPE: PRT  
; ORGANISM: Human immunodeficiency virus type 1  
; FEATURE: NAME/KEY: Peptide  
; LOCATION: (1)..(177)  
; OTHER INFORMATION: polypeptide derived from gp41 LAI  
US-10-040-349B-2

Query Match 94.9%; Score 277; DB 14; Length 177;  
Best Local Similarity 94.2%; Pred. No. 8.1e-23;  
Matches 49; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1 NHTTWLEMDREINNTSLIHSLSIESQNOQEKNEQELLEDKWSLMMWNTI 52  
Db 90 NNTTWEMDREINNTSLIHSLSIESQNOQEKNEQELLEDKWSLMMWNTI 141

## RESULT 9

US-10-263-103-25  
; Sequence 25, Application US/10263103  
; Publication No. US20030138445A1  
; GENERAL INFORMATION:  
; APPLICANT: AVENTIS PASTEUR  
; APPLICANT: Chevalier, Michel  
; APPLICANT: El Habib, Raphaelle  
; APPLICANT: Krell, Tino  
; APPLICANT: Sodoyer, Regis  
; TITLE OF INVENTION: gp41 antigen

FILE REFERENCE: 01-1692-A  
CURRENT APPLICATION NUMBER: US/10/263,103  
CURRENT FILING DATE: 2002-10-02  
NUMBER OF SEQ ID NOS: 35  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 25  
LENGTH: 200  
TYPE: PRT  
ORGANISM: Artificial  
FEATURE:  
OTHER INFORMATION: polypeptide  
US-10-263-103-25

Query Match 94.9%; Score 277; DB 14; Length 200;  
Best Local Similarity 94.2%; Pred. No. 9.2e-23;  
Matches 49; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1 NHTTWLEMDREINNYTSLIHSLSIESQNOQEKNEQELLELDKWSLWNI 52  
DB 113 NMTWMEWDREINNYTSLIHSLSIESQNOQEKNEQELLELDKWSLWNI 164

RESULT 10  
US-10-438-691-8  
Sequence 8, Application US/10438691  
Publication No. US20040009188A1  
GENERAL INFORMATION:  
APPLICANT: Boudet, Florence  
APPLICANT: El Habib, Raphaelle  
APPLICANT: Krell, Tino  
APPLICANT: Sodoyer, Regis  
APPLICANT: Chevalier, Michel  
TITLE OF INVENTION: Polypeptide Antigen Inducing HIV-Neutralizing Antibodies  
FILE REFERENCE: 02-416-A  
CURRENT APPLICATION NUMBER: US/10/438,691  
CURRENT FILING DATE: 2003-05-15  
PRIOR APPLICATION NUMBER: 60/388676  
PRIOR FILING DATE: 2002-06-13  
NUMBER OF SEQ ID NOS: 8  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 8  
LENGTH: 200  
TYPE: PRT  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of the artificial sequence: fragment of gp41  
US-10-438-691-8

Query Match 94.9%; Score 277; DB 15; Length 200;  
Best Local Similarity 94.2%; Pred. No. 9.2e-23;  
Matches 49; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1 NHTTWLEMDREINNYTSLIHSLSIESQNOQEKNEQELLELDKWSLWNI 52  
DB 113 NMTWMEWDREINNYTSLIHSLSIESQNOQEKNEQELLELDKWSLWNI 164

RESULT 11  
US-10-059-271-84  
Sequence 84, Application US/10059271  
Publication No. US20030082208A1  
GENERAL INFORMATION:  
APPLICANT: REPKE, HEINRICH  
APPLICANT: BUDDÉ, ECKHARD  
APPLICANT: NICOLAUS, STEFAN  
TITLE OF INVENTION: PROTEIN HAVING MULTIPLE ANTIGEN/EPITOPE SEQUENCES AND  
FILE REFERENCE: ALBRE-22  
CURRENT APPLICATION NUMBER: US/10/059,271  
CURRENT FILING DATE: 2002-01-31  
PRIOR APPLICATION NUMBER: DE 101 06 295  
PRIOR FILING DATE: 2001-02-02  
NUMBER OF SEQ ID NOS: 97

SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 84  
LENGTH: 221  
TYPE: PRT  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-10-059-271-84

Query Match 94.9%; Score 277; DB 14; Length 221;  
Best Local Similarity 94.2%; Pred. No. 1e-22;  
Matches 49; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1 NHTTWLEMDREINNYTSLIHSLSIESQNOQEKNEQELLELDKWSLWNI 52  
DB 117 NMTWMEWDREINNYTSLIHSLSIESQNOQEKNEQELLELDKWSLWNI 168

RESULT 12  
US-10-059-271-81  
Sequence 81, Application US/10059271  
Publication No. US20030082208A1  
GENERAL INFORMATION:  
APPLICANT: REPKE, HEINRICH  
APPLICANT: BUDDÉ, ECKHARD  
APPLICANT: NICOLAUS, STEFAN  
TITLE OF INVENTION: PROTEIN HAVING MULTIPLE ANTIGEN/EPITOPE SEQUENCES AND  
FILE REFERENCE: ALBRE-22  
CURRENT APPLICATION NUMBER: US/10/059,271  
CURRENT FILING DATE: 2002-01-31  
PRIOR APPLICATION NUMBER: DE 101 06 295  
PRIOR FILING DATE: 2001-02-02  
NUMBER OF SEQ ID NOS: 97  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 81  
LENGTH: 232  
TYPE: PRT  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-10-059-271-81

Query Match 94.9%; Score 277; DB 14; Length 232;  
Best Local Similarity 94.2%; Pred. No. 1.1e-22;  
Matches 49; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1 NHTTWLEMDREINNYTSLIHSLSIESQNOQEKNEQELLELDKWSLWNI 52  
DB 130 NMTWMEWDREINNYTSLIHSLSIESQNOQEKNEQELLELDKWSLWNI 181

RESULT 13  
US-10-059-271-82  
Sequence 82, Application US/10059271  
Publication No. US20030082208A1  
GENERAL INFORMATION:  
APPLICANT: REPKE, HEINRICH  
APPLICANT: BUDDÉ, ECKHARD  
APPLICANT: NICOLAUS, STEFAN  
TITLE OF INVENTION: PROTEIN HAVING MULTIPLE ANTIGEN/EPITOPE SEQUENCES AND  
FILE REFERENCE: ALBRE-22  
CURRENT APPLICATION NUMBER: US/10/059,271  
CURRENT FILING DATE: 2002-01-31  
PRIOR APPLICATION NUMBER: DE 101 06 295  
PRIOR FILING DATE: 2001-02-02  
NUMBER OF SEQ ID NOS: 97  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 82  
LENGTH: 254





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OM protein - protein search, using sw model

Run on: March 18, 2004, 07:57:54 ; Search time 35 Seconds  
(without alignments)  
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Title: US-09-668-314C-73  
Perfect score: 40  
Sequence: 1 KLVFFPAED 8

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 1049977 seqs, 258955339 residues

Total number of hits satisfying chosen parameters: 1049977

Minimum DB seq length: 0  
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 1000 summaries

Database : Published Applications AA:\*

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3: /cgn2\_6/ptodata/1/pubpaa/US06\_NEW\_PUB.pep:\*  
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14: /cgn2\_6/ptodata/1/pubpaa/US10B\_PUBCOMB.pep:\*  
15: /cgn2\_6/ptodata/1/pubpaa/US10C\_PUBCOMB.pep:\*  
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17: /cgn2\_6/ptodata/1/pubpaa/US60\_NEW\_PUB.pep:\*  
18: /cgn2\_6/ptodata/1/pubpaa/US60\_PUBCOMB.pep:\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

## SUMMARIES

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2	40	100.0	9 9 US-09-899-815-2	Sequence 2, Appli
3	40	100.0	9 14 US-10-235-483-64	Sequence 64, Appli
4	40	100.0	11 9 US-09-988-842-9	Sequence 9, Appli
5	40	100.0	11 9 US-09-988-842-25	Sequence 25, Appli
6	40	100.0	11 14 US-10-235-483-14	Sequence 14, Appli
7	40	100.0	13 14 US-10-281-458-1	Sequence 1, Appli
8	40	100.0	14 9 US-09-992-800-5	Sequence 5, Appli
9	40	100.0	14 9 US-09-992-994-5	Sequence 5, Appli
10	40	100.0	14 15 US-10-385-065-5	Sequence 5, Appli
11	40	100.0	15 9 US-09-972-475-14	Sequence 14, Appli
12	40	100.0	15 9 US-09-996-357-9	Sequence 9, Appli
13	40	100.0	15 14 US-10-235-483-56	Sequence 56, Appli
14	40	100.0	15 14 US-10-235-483-57	Sequence 57, Appli
15	40	100.0	15 14 US-10-235-483-58	Sequence 58, Appli

16	40	100.0	15 14 US-10-235-483-63	Sequence 63, Appli
17	40	100.0	15 14 US-10-235-483-65	Sequence 65, Appli
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19	40	100.0	17 9 US-09-992-800-3	Sequence 3, Appli
20	40	100.0	17 9 US-09-992-994-3	Sequence 8, Appli
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24	40	100.0	26 10 US-09-792-079-11	Sequence 11, Appli
25	40	100.0	26 14 US-10-159-279-11	Sequence 4, Appli
26	40	100.0	28 9 US-09-867-847-4	Sequence 66, Appli
27	40	100.0	28 10 US-09-865-294-66	Sequence 5, Appli
28	40	100.0	28 10 US-09-792-079-5	Sequence 2, Appli
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30	40	100.0	28 14 US-10-159-279-5	Sequence 1, Appli
31	40	100.0	30 9 US-09-861-847-1	Sequence 1, Appli
32	40	100.0	30 12 US-10-666-423-1	Sequence 1, Appli
33	40	100.0	30 14 US-10-301-488A-1	Sequence 1, Appli
34	40	100.0	33 10 US-09-930-915A-295	Sequence 295, Appli
35	40	100.0	33 14 US-10-082-014-84	Sequence 84, Appli
36	40	100.0	33 14 US-10-372-076-85	Sequence 85, Appli
37	40	100.0	35 9 US-09-867-847-3	Sequence 3, Appli
38	40	100.0	35 9 US-09-972-475-16	Sequence 16, Appli
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43	40	100.0	36 12 US-10-666-423-11	Sequence 11, Appli
44	40	100.0	36 14 US-10-301-488A-6	Sequence 6, Appli
45	40	100.0	36 14 US-10-301-488A-11	Sequence 11, Appli
46	40	100.0	39 13 US-10-051-496-5	Sequence 5, Appli
47	40	100.0	39 14 US-10-190-548A-5	Sequence 7, Appli
48	40	100.0	40 9 US-09-861-847-7	Sequence 8, Appli
49	40	100.0	40 9 US-09-861-847-8	Sequence 2, Appli
50	40	100.0	40 9 US-09-867-847-2	Sequence 3, Appli
51	40	100.0	40 9 US-09-988-842-3	Sequence 3, Appli
52	40	100.0	40 9 US-09-851-071-3	Sequence 36, Appli
53	40	100.0	40 10 US-09-962-955C-36	Sequence 12, Appli
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55	40	100.0	40 12 US-10-337-261-1	Sequence 8, Appli
56	40	100.0	40 12 US-10-666-423-7	Sequence 8, Appli
57	40	100.0	40 12 US-10-666-423-8	Sequence 1, Appli
58	40	100.0	40 13 US-10-007-779A-1	Sequence 4, Appli
59	40	100.0	40 13 US-10-051-496-4	Sequence 3, Appli
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61	40	100.0	40 14 US-10-169-580-1	Sequence 3, Appli
62	40	100.0	40 14 US-10-143-534-3	Sequence 4, Appli
63	40	100.0	40 14 US-10-190-548A-4	Sequence 3, Appli
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65	40	100.0	40 14 US-10-151-614-1	Sequence 12, Appli
66	40	100.0	40 14 US-10-159-279-12	Sequence 7, Appli
67	40	100.0	40 14 US-10-301-488A-7	Sequence 8, Appli
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71	40	100.0	41 14 US-10-190-548A-3	Sequence 1, Appli
72	40	100.0	42 8 US-08-923-055-2	Sequence 37, Appli
73	40	100.0	42 9 US-09-867-847-1	Sequence 174, Appli
74	40	100.0	42 9 US-09-956-625-26	Sequence 65, Appli
75	40	100.0	42 9 US-09-731-460-1	Sequence 13, Appli
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77	40	100.0	42 10 US-09-848-616-174	Sequence 2, Appli
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79	40	100.0	42 10 US-09-792-079-13	Sequence 7, Appli
80	40	100.0	42 10 US-09-825-242-1	Sequence 2, Appli
81	40	100.0	42 10 US-09-930-915A-293	Sequence 2, Appli
82	40	100.0	42 12 US-10-337-261-2	Sequence 2, Appli
83	40	100.0	42 12 US-10-363-082-1	Sequence 2, Appli
84	40	100.0	42 13 US-10-051-496-2	Sequence 2, Appli
85	40	100.0	42 13 US-10-082-804-7	Sequence 2, Appli
86	40	100.0	42 14 US-10-217-584-2	Sequence 2, Appli
87	40	100.0	42 14 US-10-169-580-2	Sequence 2, Appli
88	40	100.0	42 14 US-10-278-181-1	Sequence 1, Appli

89	40	100.0	42	14	US-10-143-534-2	Sequence 2, Appli
90	40	100.0	42	14	US-10-190-548A-1	Sequence 1, Appli
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92	40	100.0	42	14	US-10-159-279-13	Sequence 13, Appl
93	40	100.0	42	14	US-10-318-302-4	Sequence 4, Appli
94	40	100.0	42	14	US-10-050-902-220	Sequence 220, App
95	40	100.0	42	14	US-10-050-898-220	Sequence 81, Appl
96	40	100.0	42	14	US-10-082-014-81	Sequence 82, Appl
97	40	100.0	42	14	US-10-372-076-82	Sequence 15, Appl
98	40	100.0	42	15	US-10-231-470C-15	Sequence 28, Appl
99	40	100.0	42	15	US-10-366-125-28	Sequence 2, Appli
100	40	100.0	42	15	US-10-411-544-2	Sequence 15, Appl
101	40	100.0	42	15	US-10-231-213D-15	Sequence 15, Appl
102	40	100.0	42	15	US-10-231-114C-15	Sequence 1, Appli
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106	40	100.0	43	9	US-09-866-712-3	Sequence 1, Appli
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115	40	100.0	43	13	US-10-041-605-1	Sequence 7, Appl
116	40	100.0	43	13	US-10-076-708-7	Sequence 1, Appli
117	40	100.0	43	13	US-10-051-496-1	Sequence 1, Appli
118	40	100.0	43	14	US-10-217-459-1	Sequence 3, Appli
119	40	100.0	43	14	US-10-162-889-3	Sequence 1, Appli
120	40	100.0	43	14	US-10-217-584-1	Sequence 1, Appli
121	40	100.0	43	14	US-10-326-049-1	Sequence 2, Appli
122	40	100.0	43	14	US-10-190-548A-2	Sequence 22, Appl
123	40	100.0	43	14	US-10-197-954-22	Sequence 1, Appli
124	40	100.0	43	14	US-10-335-035-1	Sequence 1, Appli
125	40	100.0	43	14	US-10-267-017-1	Sequence 1, Appli
126	40	100.0	43	14	US-10-314-221-1	Sequence 2, Appli
127	40	100.0	43	14	US-10-437-706-2	Sequence 1, Appli
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132	40	100.0	43	15	US-10-384-788-3	Sequence 3, Appli
133	40	100.0	45	10	US-09-865-294-70	Sequence 74, Appl
134	40	100.0	45	10	US-09-865-294-74	Sequence 5, Appli
135	40	100.0	53	9	US-09-797-543-5	Sequence 1, Appli
136	40	100.0	53	13	US-10-016-717-1	Sequence 10, Appl
137	40	100.0	55	9	US-09-823-153-10	Sequence 1, Appli
138	40	100.0	59	14	US-10-084-380A-1	Sequence 1, Appli
139	40	100.0	67	14	US-09-155-076-14	Sequence 173, App
140	40	100.0	82	10	US-09-848-616-173	Sequence 219, App
141	40	100.0	82	14	US-10-050-902-219	Sequence 2, Appli
142	40	100.0	82	14	US-10-050-902-219	Sequence 4, Appli
143	40	100.0	99	14	US-10-183-119-2	Sequence 1, Appli
144	40	100.0	100	9	US-09-794-975-4	Sequence 2, Appli
145	40	100.0	100	15	US-10-275-025-1	Sequence 2, Appli
146	40	100.0	100	15	US-10-275-025-2	Sequence 2, Appli
147	40	100.0	100	15	US-10-275-025-3	Sequence 2, Appli
148	40	100.0	100	15	US-10-275-025-4	Sequence 2, Appli
149	40	100.0	100	15	US-10-275-025-5	Sequence 2, Appli
150	40	100.0	100	15	US-09-895-443-2	Sequence 2, Appli
151	40	100.0	103	9	US-10-395-290-2	Sequence 2, Appli
152	40	100.0	103	15	US-10-463-729-2	Sequence 9, Appli
153	40	100.0	103	15	US-10-275-025-9	Sequence 10, Appl
154	40	100.0	108	15	US-10-275-025-10	Sequence 11, Appl
155	40	100.0	108	15	US-10-275-025-11	Sequence 12, Appl
156	40	100.0	108	15	US-10-275-025-12	Sequence 13, Appl
157	40	100.0	108	15	US-10-275-025-13	Sequence 6, Appli
158	40	100.0	108	15	US-09-794-743-16	Sequence 18, Appl
159	40	100.0	108	15	US-09-794-743-18	Sequence 20, Appl
160	40	100.0	117	9	US-09-794-743-18	Sequence 16, Appl
161	40	100.0	117	9	US-09-794-743-18	Sequence 18, Appl

235	40	100.0	697	9	US-09-794-743-20	Sequence 20, Appl	308	40	100.0	772	9	US-09-794-743-59	Sequence 59, Appl
236	40	100.0	697	9	US-09-794-748-16	Sequence 16, Appl	309	40	100.0	772	9	US-09-794-748-59	Sequence 59, Appl
237	40	100.0	697	9	US-09-794-748-18	Sequence 18, Appl	310	40	100.0	772	9	US-09-794-925-59	Sequence 59, Appl
238	40	100.0	697	9	US-09-794-748-20	Sequence 20, Appl	311	40	100.0	772	9	US-09-681-442-59	Sequence 59, Appl
239	40	100.0	697	9	US-09-794-925-16	Sequence 16, Appl	312	40	100.0	772	10	US-09-689-414-59	Sequence 59, Appl
240	40	100.0	697	9	US-09-794-925-18	Sequence 18, Appl	313	40	100.0	772	10	US-09-548-366-59	Sequence 59, Appl
241	40	100.0	697	9	US-09-794-925-20	Sequence 20, Appl	314	40	100.0	772	12	US-10-652-927-59	Sequence 59, Appl
242	40	100.0	697	9	US-09-681-442-16	Sequence 16, Appl	315	40	100.0	772	12	US-10-652-830-59	Sequence 59, Appl
243	40	100.0	697	9	US-09-681-442-18	Sequence 18, Appl	316	37	92.5	42	14	US-10-217-584-8	Sequence 8, Appl
244	40	100.0	697	9	US-09-681-442-20	Sequence 20, Appl	317	37	92.5	100	15	US-10-275-025-7	Sequence 7, Appl
245	40	100.0	697	10	US-09-869-414-16	Sequence 16, Appl	318	37	92.5	108	15	US-10-275-025-15	Sequence 15, Appl
246	40	100.0	697	10	US-09-869-414-18	Sequence 18, Appl	319	36	90.0	42	14	US-10-217-584-7	Sequence 7, Appl
247	40	100.0	697	10	US-09-869-414-20	Sequence 20, Appl	320	36	90.0	42	14	US-10-217-584-9	Sequence 9, Appl
248	40	100.0	697	10	US-09-548-366-16	Sequence 16, Appl	321	36	90.0	100	15	US-10-275-025-6	Sequence 6, Appl
249	40	100.0	697	10	US-09-548-366-18	Sequence 18, Appl	322	36	90.0	108	15	US-10-275-025-14	Sequence 14, Appl
250	40	100.0	697	10	US-09-548-366-20	Sequence 20, Appl	323	35	87.5	9	14	US-10-235-483-54	Sequence 54, Appl
251	40	100.0	697	12	US-10-652-927-16	Sequence 16, Appl	324	35	87.5	15	14	US-10-235-483-59	Sequence 59, Appl
252	40	100.0	697	12	US-10-652-927-18	Sequence 18, Appl	325	35	87.5	42	14	US-10-217-584-11	Sequence 11, Appl
253	40	100.0	697	12	US-10-652-927-20	Sequence 20, Appl	326	35	87.5	1149	15	US-10-427-208-63	Sequence 63, Appl
254	40	100.0	697	12	US-10-652-830-16	Sequence 16, Appl	327	34	85.0	9	14	US-10-235-483-51	Sequence 51, Appl
255	40	100.0	697	12	US-10-652-830-18	Sequence 18, Appl	328	34	85.0	15	14	US-10-235-483-60	Sequence 60, Appl
256	40	100.0	697	12	US-10-652-830-20	Sequence 20, Appl	329	34	85.0	15	14	US-10-235-483-61	Sequence 61, Appl
257	40	100.0	751	9	US-09-794-927-57	Sequence 57, Appl	330	34	85.0	321	11	US-10-235-483-62	Sequence 62, Appl
258	40	100.0	751	9	US-09-795-847-57	Sequence 57, Appl	331	33	82.5	42	9	US-09-899-815-1	Sequence 50, Appl
259	40	100.0	751	9	US-09-794-743-57	Sequence 57, Appl	332	33	82.5	9	14	US-10-235-483-50	Sequence 1, Appl
260	40	100.0	751	9	US-09-794-748-57	Sequence 57, Appl	333	33	82.5	42	14	US-10-424-599-10	Sequence 10, Appl
261	40	100.0	751	9	US-09-794-925-57	Sequence 57, Appl	334	33	82.5	160	12	US-10-424-599-274706	Sequence 274706, Appl
262	40	100.0	751	9	US-09-681-442-57	Sequence 57, Appl	335	32	80.0	104	9	US-09-823-153-4	Sequence 4, Appl
263	40	100.0	751	9	US-09-149-718-4	Sequence 4, Appl	336	32	80.0	184	12	US-10-282-122A-44439	Sequence 44439, A
264	40	100.0	751	10	US-09-869-414-57	Sequence 57, Appl	337	32	80.0	265	12	US-10-282-122A-71321	Sequence 71321, A
265	40	100.0	751	10	US-09-548-366-57	Sequence 57, Appl	338	32	80.0	7	9	US-09-867-847-27	Sequence 27, Appl
266	40	100.0	751	12	US-10-652-927-57	Sequence 57, Appl	339	31	77.5	7	9	US-09-867-847-28	Sequence 28, Appl
267	40	100.0	751	12	US-10-652-830-57	Sequence 57, Appl	340	31	77.5	7	10	US-09-747-408-18	Sequence 18, Appl
268	40	100.0	751	14	US-10-169-580-4	Sequence 4, Appl	341	31	77.5	7	10	US-09-747-408-19	Sequence 19, Appl
269	40	100.0	751	14	US-10-357-935-2	Sequence 2, Appl	342	31	77.5	10	9	US-09-867-847-29	Sequence 29, Appl
270	40	100.0	751	15	US-10-427-208-74	Sequence 74, Appl	343	31	77.5	49	9	US-09-864-761-33582	Sequence 33582, A
271	40	100.0	753	9	US-09-794-927-61	Sequence 61, Appl	344	31	77.5	49	9	US-09-864-761-34163	Sequence 34163, A
272	40	100.0	753	9	US-09-795-847-61	Sequence 61, Appl	345	31	77.5	179	14	US-10-156-761-10288	Sequence 10288, A
273	40	100.0	753	9	US-09-794-743-61	Sequence 61, Appl	346	31	77.5	220	12	US-10-425-114-54767	Sequence 54767, A
274	40	100.0	753	9	US-09-794-748-61	Sequence 61, Appl	347	31	77.5	259	9	US-09-738-626-6113	Sequence 6113, Ap
275	40	100.0	753	9	US-09-794-925-61	Sequence 61, Appl	348	31	77.5	391	15	US-10-108-260A-3661	Sequence 3661, Ap
276	40	100.0	753	9	US-09-681-442-61	Sequence 61, Appl	349	31	77.5	612	12	US-10-424-599-161227	Sequence 161227, A
277	40	100.0	753	10	US-09-869-414-61	Sequence 61, Appl	350	31	77.5	630	12	US-10-424-599-161230	Sequence 161230, A
278	40	100.0	753	10	US-09-548-366-61	Sequence 61, Appl	351	31	77.5	887	12	US-10-282-122A-48500	Sequence 48500, A
279	40	100.0	753	12	US-10-652-927-61	Sequence 61, Appl	352	31	77.5	9	14	US-10-235-483-52	Sequence 52, Appl
280	40	100.0	753	12	US-10-652-830-61	Sequence 61, Appl	353	30	75.0	9	14	US-10-235-483-53	Sequence 53, Appl
281	40	100.0	770	9	US-09-794-927-55	Sequence 55, Appl	354	30	75.0	15	14	US-10-235-483-55	Sequence 55, Appl
282	40	100.0	770	9	US-09-795-847-55	Sequence 55, Appl	355	30	75.0	59	12	US-10-424-599-232746	Sequence 232746, A
283	40	100.0	770	9	US-09-794-743-55	Sequence 55, Appl	356	30	75.0	89	9	US-09-864-761-44113	Sequence 44113, A
284	40	100.0	770	9	US-09-794-748-55	Sequence 55, Appl	357	30	75.0	197	12	US-10-425-114-61527	Sequence 61527, A
285	40	100.0	770	9	US-09-904-987-2	Sequence 2, Appl	358	30	75.0	237	12	US-10-425-114-48313	Sequence 48313, A
286	40	100.0	770	9	US-09-794-925-55	Sequence 55, Appl	359	30	75.0	256	12	US-10-425-114-47851	Sequence 47851, A
287	40	100.0	770	9	US-09-681-442-55	Sequence 55, Appl	360	30	75.0	369	14	US-10-017-161-1044	Sequence 1044, Ap
288	40	100.0	770	9	US-09-149-718-6	Sequence 6, Appl	361	30	75.0	370	13	US-10-043-945-2	Sequence 2, Appl
289	40	100.0	770	9	US-09-785-215-2	Sequence 2, Appl	362	30	75.0	370	14	US-10-318-142-4	Sequence 4, Appl
290	40	100.0	770	10	US-09-848-616-172	Sequence 172, App	363	30	75.0	370	14	US-10-318-142-24	Sequence 24, Appl
291	40	100.0	770	10	US-09-869-414-55	Sequence 55, Appl	364	30	75.0	370	14	US-10-225-567A-611	Sequence 611, App
292	40	100.0	770	10	US-09-548-366-55	Sequence 55, Appl	365	30	75.0	370	14	US-10-272-983-26	Sequence 26, Appl
293	40	100.0	770	12	US-10-652-927-55	Sequence 55, Appl	366	30	75.0	370	14	US-10-333-807-26	Sequence 26, Appl
294	40	100.0	770	12	US-10-652-830-55	Sequence 55, Appl	367	30	75.0	370	15	US-10-417-820A-28	Sequence 28, Appl
295	40	100.0	770	14	US-10-217-584-5	Sequence 5, Appl	368	30	75.0	370	15	US-10-292-798-886	Sequence 886, App
296	40	100.0	770	14	US-10-204-362-2	Sequence 2, Appl	369	30	75.0	379	14	US-10-073-885-79	Sequence 79, Appl
297	40	100.0	770	14	US-10-169-580-5	Sequence 5, Appl	370	30	75.0	1294	13	US-10-071-223-2	Sequence 2, Appl
298	40	100.0	770	14	US-10-335-035-3	Sequence 3, Appl	371	30	75.0	1353	9	US-09-751-100B-99	Sequence 99, Appl
299	40	100.0	770	14	US-10-223-809A-2	Sequence 2, Appl	372	30	75.0	1353	9	US-09-751-100B-99	Sequence 99, Appl
300	40	100.0	770	14	US-10-010-942B-38	Sequence 38, Appl	373	30	75.0	1353	13	US-09-867-847-7	Sequence 7, Appl
301	40	100.0	770	14	US-10-357-935-3	Sequence 3, Appl	374	30	75.0	6	9	US-09-867-847-20	Sequence 20, Appl
302	40	100.0	770	14	US-10-050-902-218	Sequence 218, App	375	29	72.5	6	9	US-09-972-475-9	Sequence 9, Appl
303	40	100.0	770	14	US-10-050-898-218	Sequence 218, App	376	29	72.5	6	9	US-09-972-475-27	Sequence 27, Appl
304	40	100.0	770	15	US-10-427-208-75	Sequence 75, Appl	377	29	72.5	6	9	US-09-956-625-25	Sequence 25, Appl
305	40	100.0	770	15	US-10-428-487-12	Sequence 12, Appl	378	29	72.5	6	9	US-09-956-625-25	Sequence 25, Appl
306	40	100.0	772	9	US-09-794-927-59	Sequence 59, Appl	379	29	72.5	6	10	US-09-747-408-3	Sequence 3, Appl
307	40	100.0	772	9	US-09-795-847-59	Sequence 59, Appl	380	29	72.5	6	10	US-09-747-408-3	Sequence 3, Appl



381	29	72.5	6	10	US-09-747-408-11	Sequence 11, Appl
382	29	72.5	6	15	US-10-463-729-9	Sequence 9, Appl
383	29	72.5	6	15	US-10-463-729-27	Sequence 27, Appl
384	29	72.5	7	9	US-09-867-847-12	Sequence 12, Appl
385	29	72.5	7	9	US-09-972-475-7	Sequence 7, Appl
386	29	72.5	7	10	US-09-747-408-2	Sequence 2, Appl
387	29	72.5	7	15	US-10-463-729-7	Sequence 7, Appl
388	29	72.5	8	9	US-09-850-061A-44	Sequence 44, Appl
389	29	72.5	8	9	US-09-972-475-5	Sequence 5, Appl
390	29	72.5	8	15	US-10-463-729-5	Sequence 5, Appl
391	29	72.5	9	9	US-09-867-847-9	Sequence 9, Appl
392	29	72.5	9	10	US-09-747-408-20	Sequence 20, Appl
393	29	72.5	11	14	US-10-050-200-33	Sequence 33, Appl
394	29	72.5	12	9	US-09-867-847-8	Sequence 8, Appl
395	29	72.5	81	10	US-09-764-891-4983	Sequence 4983, Ap
396	29	72.5	84	12	US-10-424-599-242104	Sequence 242104,
397	29	72.5	119	12	US-10-424-599-167564	Sequence 167564,
398	29	72.5	143	9	US-09-864-761-34585	Sequence 34585, A
399	29	72.5	143	9	US-09-864-761-34587	Sequence 34587, A
400	29	72.5	143	10	US-09-974-879-567	Sequence 567, App
401	29	72.5	143	10	US-09-305-736-519	Sequence 519, App
402	29	72.5	143	11	US-09-818-683-519	Sequence 519, App
403	29	72.5	143	12	US-10-621-401-567	Sequence 567, App
404	29	72.5	143	14	US-10-029-386-32687	Sequence 32687, A
405	29	72.5	167	12	US-10-424-599-270172	Sequence 270172,
406	29	72.5	181	12	US-10-424-599-232350	Sequence 232350,
407	29	72.5	182	12	US-10-424-599-151853	Sequence 151853,
408	29	72.5	189	9	US-09-864-761-35104	Sequence 35104, A
409	29	72.5	200	12	US-10-425-114-62022	Sequence 62022, A
410	29	72.5	294	12	US-10-424-599-249573	Sequence 249573,
411	29	72.5	300	12	US-10-282-122A-60532	Sequence 60532, A
412	29	72.5	335	14	US-10-156-761-11617	Sequence 11617, A
413	29	72.5	351	12	US-10-424-599-260194	Sequence 260194,
414	29	72.5	352	15	US-10-418-146-2	Sequence 2, Appl
415	29	72.5	386	12	US-10-425-114-50458	Sequence 50458, A
416	29	72.5	441	12	US-10-425-114-71440	Sequence 71440, A
417	29	72.5	446	9	US-09-864-761-37011	Sequence 37011, A
418	29	72.5	465	12	US-10-424-599-232348	Sequence 232348,
419	29	72.5	539	14	US-10-325-891-13	Sequence 13, Appl
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421	29	72.5	621	12	US-10-282-122A-77338	Sequence 77338, A
422	29	72.5	721	12	US-10-425-114-70500	Sequence 70500, A
423	29	72.5	806	14	US-10-199-869-6	Sequence 6, Appl
424	29	72.5	807	15	US-10-108-260A-4086	Sequence 4086, Ap
425	29	72.5	854	14	US-10-199-869-5	Sequence 5, Appl
426	28	70.0	49	12	US-10-424-599-278606	Sequence 278606,
427	28	70.0	57	12	US-10-424-599-143100	Sequence 143100,
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431	28	70.0	90	12	US-10-424-599-165325	Sequence 165325,
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433	28	70.0	117	12	US-10-424-599-208708	Sequence 208708,
434	28	70.0	120	12	US-10-424-599-198115	Sequence 198115,
435	28	70.0	149	14	US-10-410-681-6	Sequence 6, Appl
436	28	70.0	193	13	US-10-126-099-7	Sequence 7, Appl
437	28	70.0	283	12	US-10-425-114-42038	Sequence 42038, A
438	28	70.0	302	12	US-10-282-122A-60370	Sequence 60370, A
439	28	70.0	332	12	US-09-939-853A-25	Sequence 25, Appl
440	28	70.0	340	12	US-10-425-114-45458	Sequence 45458, A
441	28	70.0	382	12	US-10-425-114-58724	Sequence 58724, A
442	28	70.0	383	14	US-10-410-681-8	Sequence 8, Appl
443	28	70.0	398	12	US-10-425-114-39968	Sequence 39968, A
444	28	70.0	401	12	US-10-425-114-43164	Sequence 43164, A
445	28	70.0	402	15	US-10-369-493-9053	Sequence 9053, Ap
446	28	70.0	417	12	US-10-424-599-274599	Sequence 274599,
447	28	70.0	417	16	US-10-389-566-1841	Sequence 1841, Ap
448	28	70.0	420	12	US-10-425-114-51244	Sequence 51244, A
449	28	70.0	443	12	US-10-282-122A-54568	Sequence 54568, A
450	28	70.0	444	12	US-10-425-114-64152	Sequence 64152, A
451	28	70.0	470	12	US-10-424-599-249883	Sequence 249883, A
452	28	70.0	493	12	US-10-282-122A-53259	Sequence 53259, A
453	28	70.0	495	15	US-10-369-493-7895	Sequence 7895, Ap
454	28	70.0	551	12	US-10-282-122A-43162	Sequence 43162, A
455	28	70.0	556	12	US-10-425-114-71536	Sequence 71536, A
456	28	70.0	559	12	US-10-282-122A-76505	Sequence 76505, A
457	28	70.0	750	12	US-10-424-599-268662	Sequence 268662,
458	28	70.0	750	14	US-10-410-681-12	Sequence 12, Appl
459	28	70.0	754	14	US-10-410-681-51	Sequence 51, Appl
460	28	70.0	755	14	US-10-410-681-4	Sequence 4, Appl
461	28	70.0	929	12	US-10-425-114-59344	Sequence 59344, A
462	28	70.0	1419	12	US-10-092-900A-82	Sequence 82, Appl
463	28	70.0	1423	12	US-10-092-900A-86	Sequence 86, Appl
464	28	70.0	1458	13	US-10-054-691-2	Sequence 2, Appl
465	28	70.0	2046	12	US-10-282-122A-72132	Sequence 72132, A
466	28	70.0	2643	15	US-10-369-493-5010	Sequence 5010, Ap
467	27	67.5	6	9	US-09-867-847-11	Sequence 11, Appl
468	27	67.5	6	9	US-09-867-847-19	Sequence 19, Appl
469	27	67.5	6	10	US-09-747-408-1	Sequence 1, Appl
470	27	67.5	6	10	US-09-747-408-10	Sequence 10, Appl
471	27	67.5	22	10	US-09-792-079-10	Sequence 10, Appl
472	27	67.5	22	14	US-10-159-279-10	Sequence 10, Appl
473	27	67.5	37	12	US-10-424-599-174050	Sequence 174050,
474	27	67.5	42	9	US-09-984-245-289	Sequence 289, App
475	27	67.5	42	10	US-09-966-262-289	Sequence 289, App
476	27	67.5	42	10	US-09-983-966-289	Sequence 289, App
477	27	67.5	42	12	US-10-424-599-262272	Sequence 262272,
478	27	67.5	42	14	US-10-143-090-289	Sequence 289, App
479	27	67.5	44	12	US-10-424-599-172259	Sequence 172259,
480	27	67.5	53	12	US-10-424-599-277306	Sequence 277306,
481	27	67.5	54	12	US-10-424-599-197052	Sequence 197052,
482	27	67.5	64	14	US-10-083-357-722	Sequence 722, App
483	27	67.5	71	15	US-10-291-265-765	Sequence 765, App
484	27	67.5	79	12	US-10-424-599-224319	Sequence 224319,
485	27	67.5	84	12	US-10-424-599-186013	Sequence 186013,
486	27	67.5	93	12	US-10-424-599-240310	Sequence 240310,
487	27	67.5	104	12	US-10-424-599-227649	Sequence 227649,
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842	27	67.5	915	14	US-10-152-531-294	Sequence 294, App
843	27	67.5	915	14	US-10-127-840A-294	Sequence 294, App
844	27	67.5	915	14	US-10-142-424-294	Sequence 294, App
845	27	67.5	915	14	US-10-142-761-294	Sequence 294, App
846	27	67.5	915	14	US-10-142-763-294	Sequence 294, App
847	27	67.5	915	14	US-10-142-765-294	Sequence 294, App
848	27	67.5	915	14	US-10-142-887-294	Sequence 294, App
849	27	67.5	915	14	US-10-142-888-294	Sequence 294, App
850	27	67.5	915	14	US-10-143-034-294	Sequence 294, App
851	27	67.5	915	14	US-10-143-116-294	Sequence 294, App
852	27	67.5	915	14	US-10-144-957-294	Sequence 294, App
853	27	67.5	915	14	US-10-145-090-294	Sequence 294, App
854	27	67.5	915	14	US-10-145-091-294	Sequence 294, App
855	27	67.5	915	14	US-10-145-629-294	Sequence 294, App
856	27	67.5	915	14	US-10-145-747-294	Sequence 294, App
857	27	67.5	915	14	US-10-145-752-294	Sequence 294, App
858	27	67.5	915	14	US-10-145-754-294	Sequence 294, App
859	27	67.5	915	14	US-10-145-755-294	Sequence 294, App
860	27	67.5	915	14	US-10-145-818-294	Sequence 294, App
861	27	67.5	915	14	US-10-147-481-294	Sequence 294, App
862	27	67.5	915	14	US-10-147-482-294	Sequence 294, App
863	27	67.5	915	14	US-10-147-503-294	Sequence 294, App
864	27	67.5	915	14	US-10-147-522-294	Sequence 294, App
865	27	67.5	915	14	US-10-147-522-294	Sequence 294, App
866	27	67.5	915	14	US-10-147-522-294	Sequence 294, App
867	27	67.5	915	14	US-10-147-522-294	Sequence 294, App
868	27	67.5	915	14	US-10-147-522-294	Sequence 294, App
869	27	67.5	915	14	US-10-147-522-294	Sequence 294, App
870	27	67.5	915	14	US-10-147-522-294	Sequence 294, App
871	27	67.5	915	14	US-10-147-522-294	Sequence 294, App
872	27	67.5	915	14	US-10-147-522-294	Sequence



965 27 67.5 915 14 US-10-157-785-294 Sequence 294, App  
966 27 67.5 915 14 US-10-157-794-294 Sequence 294, App  
967 27 67.5 915 14 US-10-157-796-294 Sequence 294, App  
968 27 67.5 915 14 US-10-160-500-294 Sequence 294, App  
969 27 67.5 915 14 US-10-121-046-294 Sequence 294, App  
970 27 67.5 915 14 US-10-123-156-294 Sequence 294, App  
971 27 67.5 915 14 US-10-123-214-294 Sequence 294, App  
972 27 67.5 915 14 US-10-125-805-294 Sequence 294, App  
973 27 67.5 915 14 US-10-124-821-294 Sequence 294, App  
974 27 67.5 915 14 US-10-152-385-294 Sequence 294, App  
975 27 67.5 915 14 US-10-152-393-294 Sequence 294, App  
976 27 67.5 915 14 US-10-152-396-294 Sequence 294, App  
977 27 67.5 915 14 US-10-153-552-294 Sequence 294, App  
978 27 67.5 915 14 US-10-153-840-294 Sequence 294, App  
979 27 67.5 915 14 US-10-156-841-294 Sequence 294, App  
980 27 67.5 915 14 US-10-156-842-294 Sequence 294, App  
981 27 67.5 915 14 US-10-156-845-294 Sequence 294, App  
982 27 67.5 915 14 US-10-156-846-294 Sequence 294, App  
983 27 67.5 915 14 US-10-121-052-294 Sequence 294, App  
984 27 67.5 915 14 US-10-121-048-294 Sequence 294, App  
985 27 67.5 915 14 US-10-121-053-294 Sequence 294, App  
986 27 67.5 915 14 US-10-121-054-294 Sequence 294, App  
987 27 67.5 915 14 US-10-121-063-294 Sequence 294, App  
988 27 67.5 915 14 US-10-123-212-294 Sequence 294, App  
989 27 67.5 915 14 US-10-123-291-294 Sequence 294, App  
990 27 67.5 915 14 US-10-123-291-294 Sequence 294, App  
991 27 67.5 915 14 US-10-123-322-294 Sequence 294, App  
992 27 67.5 915 14 US-10-123-771-294 Sequence 294, App  
993 27 67.5 915 14 US-10-123-911-294 Sequence 294, App  
994 27 67.5 915 14 US-10-124-823-294 Sequence 294, App  
995 27 67.5 915 14 US-10-125-931-294 Sequence 294, App  
996 27 67.5 915 14 US-10-125-932-294 Sequence 294, App  
997 27 67.5 915 15 US-10-123-913-294 Sequence 294, App  
998 27 67.5 915 15 US-10-140-473-294 Sequence 294, App  
999 27 67.5 915 15 US-10-140-806-294 Sequence 294, App  
1000 27 67.5 915 15 US-10-140-806-294 Sequence 294, App

## ALIGNMENTS

RESULT 1  
US-10-235-483-1  
; Sequence 1, Application US/10235483  
; Publication No. US20030087407A1  
; GENERAL INFORMATION:  
; APPLICANT: SOTO-JARA, Claudio  
; BAUMANN, Marc  
; FRANGIONE, Blas  
; TITLE OF INVENTION: PEPTIDES AND PHARMACEUTICAL  
; COMPOSITIONS THEREOF FOR TREATMENT OF DISORDERS OR DISEASES  
; ASSOCIATED WITH PROTEIN FOLDING INTO AMYLOID OR AMYLOID-LIKE  
; DEPOSITS  
; NUMBER OF SEQUENCES: 69  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: BROWDY AND NEIMARK  
; STREET: 419 Seventh Street, N.W., Suite 400  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: USA  
; ZIP: 20004  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/10/235,483  
; FILING DATE: 06-Sep-2002  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/766,596  
; FILING DATE: <Unknown>

APPLICATION NUMBER: US 08/630,645  
FILING DATE: 10-APR-1996  
APPLICATION NUMBER: US 08/478,326  
FILING DATE: 06-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: YUN, Allen C.  
REGISTRATION NUMBER: 37,971  
REFERENCE/DOCKET NUMBER: SOTO-JARA=1A  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-628-5197  
TELEFAX: 202-737-3528  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 8 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
SEQUENCE DESCRIPTION: SEQ ID NO: 1:  
US-10-235-483-1

Query Match 100.0%; Score 40; DB 14; Length 8;  
Best Local Similarity 100.0%; Pred. No. 9.5e+05;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFPAED 8  
Db 1 KLVFPAED 8

RESULT 2  
US-09-899-815-2  
; Sequence 2, Application US/09899815  
; Patent No. US20020162129A1  
; GENERAL INFORMATION:  
; APPLICANT: LANNFELT, Lars  
; TITLE OF INVENTION: PREVENTION AND TREATMENT OF ALZHEIMER'S DISEASE  
; FILE REFERENCE: LANNFELT=1A  
; CURRENT APPLICATION NUMBER: US/09/899,815  
; CURRENT FILING DATE: 2001-07-09  
; PRIOR APPLICATION NUMBER: US 60/217,098  
; PRIOR FILING DATE: 2000-07-10  
; PRIOR APPLICATION NUMBER: EP 00202387.7  
; PRIOR FILING DATE: 2000-07-07  
; NUMBER OF SEQ ID NOS: 4  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 2  
; LENGTH: 9  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: synthetic peptide (16-24 of SEQ ID NO:1)  
US-09-899-815-2

Query Match 100.0%; Score 40; DB 9; Length 9;  
Best Local Similarity 100.0%; Pred. No. 9.5e+05;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFPAED 8  
Db 1 KLVFPAED 8

RESULT 3  
US-10-235-483-64  
; Sequence 64, Application US/10235483  
; Publication No. US20030087407A1  
; GENERAL INFORMATION:  
; APPLICANT: SOTO-JARA, Claudio  
; BAUMANN, Marc  
; FRANGIONE, Blas  
; TITLE OF INVENTION: PEPTIDES AND PHARMACEUTICAL  
; COMPOSITIONS THEREOF FOR TREATMENT OF DISORDERS OR DISEASES



ASSOCIATED WITH PROTEIN FOLDING INTO AMYLOID OR AMYLOID-LIK  
DEPOSITSNUMBER OF SEQUENCES: 69  
CORRESPONDENCE ADDRESS:ADDRESSEE: BROWDY AND NEIMARK  
STREET: 419 Seventh Street, N.W., Suite 400  
CITY: Washington  
STATE: D.C.  
COUNTRY: USA  
ZIP: 20004

COMPUTER READABLE FORM:

MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/235,483  
FILING DATE: 06-Sep-2002  
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/766,596  
FILING DATE: <Unknown>  
APPLICATION NUMBER: US 08/630,645  
FILING DATE: 10-APR-1996  
APPLICATION NUMBER: US 08/478,326  
FILING DATE: 06-JUN-1995

ATTORNEY/AGENT INFORMATION:

NAME: YUN, Allen C.

REGISTRATION NUMBER: 37,971

REFERENCE/DOCKET NUMBER: SOTO-JARA=1A

TELECOMMUNICATION INFORMATION:

TELEPHONE: 202-628-5197

TELEFAX: 202-737-3528

INFORMATION FOR SEQ ID NO: 64:

SEQUENCE CHARACTERISTICS:

LENGTH: 9 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: peptide

SEQUENCE DESCRIPTION: SEQ ID NO: 64:

Query Match 100.0%; Score 40; DB 14; Length 9;  
Best Local Similarity 100.0%; Pred. No. 9.5e+05;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;QY 1 KLVFFAED 8  
Db 2 KLVFFAED 9

## RESULT 4

US-09-988-842-9

Sequence 9, Application US/09988842

Patent No. US20020143105A1

GENERAL INFORMATION:

APPLICANT: Johansson, Jan

TITLE OF INVENTION: DISCORDANT HELIX STABILIZATION FOR PREVENTION

FILE REFERENCE: 12125-002001

CURRENT APPLICATION NUMBER: US/09/988,842

PRIOR APPLICATION NUMBER: 2001-11-19

PRIOR FILING DATE: 2000-12-06

PRIOR APPLICATION NUMBER: US 60/253,695

PRIOR FILING DATE: 2000-11-20

NUMBER OF SEQ ID NOS: 26

SOFTWARE: FastSeq for windows Version 4.0

SEQ ID NO 9

LENGTH: 11

TYPE: PRT

ORGANISM: Artificial Sequence

## FEATURE:

OTHER INFORMATION: Synthetically generated peptide  
US-09-988-842-9Query Match 100.0%; Score 40; DB 9; Length 11;  
Best Local Similarity 100.0%; Pred. No. 0.079;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;QY 1 KLVFFAED 8  
Db 2 KLVFFAED 9

## RESULT 5

US-09-988-842-25

Sequence 25, Application US/09988842

Patent No. US20020143105A1

GENERAL INFORMATION:

APPLICANT: Johansson, Jan

TITLE OF INVENTION: DISCORDANT HELIX STABILIZATION FOR PREVENTION

FILE REFERENCE: 12125-002001

CURRENT APPLICATION NUMBER: US/09/988,842

PRIOR APPLICATION NUMBER: 2001-11-19

PRIOR FILING DATE: 2000-12-06

PRIOR APPLICATION NUMBER: US 60/253,695

PRIOR FILING DATE: 2000-11-20

NUMBER OF SEQ ID NOS: 26

SOFTWARE: FastSeq for windows Version 4.0

SEQ ID NO 25

LENGTH: 11

TYPE: PRT

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Synthetically generated peptide

US-09-988-842-25

Query Match 100.0%; Score 40; DB 9; Length 11;  
Best Local Similarity 100.0%; Pred. No. 0.079;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;QY 1 KLVFFAED 8  
Db 2 KLVFFAED 9

## RESULT 6

US-10-235-483-14

Sequence 14, Application US/10235483

Publication No. US20030087407A1

GENERAL INFORMATION:

APPLICANT: SOTO-JARA, Claudio

BAUMANN, Marc

FRANGIONE, Bias

TITLE OF INVENTION: PEPTIDES AND PHARMACEUTICAL

COMPOSITIONS THEREOF FOR TREATMENT OF DISORDERS OR DISE

ASSOCIATED WITH PROTEIN FOLDING INTO AMYLOID OR AMYLOID-

DEPOSITS

NUMBER OF SEQUENCES: 69

CORRESPONDENCE ADDRESS:

ADDRESSEE: BROWDY AND NEIMARK

STREET: 419 Seventh Street, N.W., Suite 400

CITY: Washington

STATE: D.C.

COUNTRY: USA

ZIP: 20004

COMPUTER READABLE FORM:

MEDIUM TYPE: floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

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; APPLICATION NUMBER: US/10/235,483
; FILING DATE: 06-Sep-2002
; CLASSIFICATION: <Unknown>
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: US/08/766,596
; FILING DATE: <Unknown>
; APPLICATION NUMBER: US 08/630,645
; FILING DATE: 10-APR-1996
; APPLICATION NUMBER: US 08/478,326
; FILING DATE: 06-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: YUN, Allen C.
; REGISTRATION NUMBER: 37,971
; REFERENCE/DOCKET NUMBER: SOTO-JARA=1A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-628-5197
; TELEFAX: 202-737-3528
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 11 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; SEQUENCE DESCRIPTION: SEQ ID NO: 14:
US-10-235-483-14
```

```
Query Match      100.0%; Score 40; DB 14; Length 11;
Best Local Similarity 100.0%; Pred. No. 0.079;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      1 KLVFFAED 8
        |||||
Db      2 KLVFFAED 9
```

```
RESULT 7
US-10-281-458-1
; Sequence 1, Application US/10281458
; Publication No. US20030108978A1
; GENERAL INFORMATION:
; APPLICANT: Ciambone, Gary J.
; APPLICANT: Gibbons, Ian
; TITLE OF INVENTION: Whole Cell Assay Systems for Cell
; FILE REFERENCE: 50225-8093.US03
; CURRENT APPLICATION NUMBER: US/10/281,458
; PRIOR FILING DATE: 2002-10-25
; PRIOR APPLICATION NUMBER: US 60/337,641
; PRIOR FILING DATE: 2001-10-25
; PRIOR APPLICATION NUMBER: US 09/924,692
; PRIOR FILING DATE: 2001-08-08
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 13
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-281-458-1
```

```
Query Match      100.0%; Score 40; DB 14; Length 13;
Best Local Similarity 100.0%; Pred. No. 0.095;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      1 KLVFFAED 8
        |||||
Db      6 KLVFFAED 13
```

```
RESULT 8
US-09-992-800-5
; Sequence 5, Application US/09992800
; Patent No. US20020102261A1
```

```
; GENERAL INFORMATION:
; APPLICANT: Raso, Victor
; TITLE OF INVENTION: IMMUNOLOGICAL CONTROL OF BETA-AMYLOID LEVELS IN VIVO
; FILE REFERENCE: BBRI-2006
; CURRENT APPLICATION NUMBER: US/09/992,800
; CURRENT FILING DATE: 2001-11-06
; PRIOR APPLICATION NUMBER: 09/594,366
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/139,408
; PRIOR FILING DATE: 1999-06-16
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 5
; LENGTH: 14
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-992-800-5
```

```
Query Match      100.0%; Score 40; DB 9; Length 14;
Best Local Similarity 100.0%; Pred. No. 0.1;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      1 KLVFFAED 8
        |||||
Db      4 KLVFFAED 11
```

```
RESULT 9
US-09-992-994-5
; Sequence 5, Application US/09992994
; Patent No. US20020136718A1
; GENERAL INFORMATION:
; APPLICANT: Raso, Victor
; TITLE OF INVENTION: IMMUNOLOGICAL CONTROL OF BETA-AMYLOID LEVELS IN VIVO
; FILE REFERENCE: BBRI-2005
; CURRENT APPLICATION NUMBER: US/09/992,994
; CURRENT FILING DATE: 2001-11-06
; PRIOR APPLICATION NUMBER: 09/594,366
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/139,408
; PRIOR FILING DATE: 1999-06-16
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 5
; LENGTH: 14
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-992-994-5
```

```
Query Match      100.0%; Score 40; DB 9; Length 14;
Best Local Similarity 100.0%; Pred. No. 0.1;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      1 KLVFFAED 8
        |||||
Db      4 KLVFFAED 11
```

```
RESULT 10
US-10-385-065-5
; Sequence 5, Application US/10385065
; Publication No. US20030235897A1
; GENERAL INFORMATION:
; APPLICANT: Raso, Victor
; TITLE OF INVENTION: IMMUNOLOGICAL CONTROL OF BETA-AMYLOID LEVELS IN VIVO
; FILE REFERENCE: BBRI-2004
; CURRENT APPLICATION NUMBER: US/10/385,065
; CURRENT FILING DATE: 2003-03-10
; PRIOR APPLICATION NUMBER: US/09/594,366
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/139,408
; PRIOR FILING DATE: 1999-06-16
; NUMBER OF SEQ ID NOS: 7
```

SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 5  
LENGTH: 14  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-10-385-065-5

Query Match 100.0%; Score 40; DB 15; Length 14;  
Best Local Similarity 100.0%; Pred. No. 0.1;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8  
|||  
Db 4 KLVFFAED 11

RESULT 11  
US-09-972-475-14

Sequence 14, Application US/09972475  
Patent No. US20020098173A1

GENERAL INFORMATION:

APPLICANT: Findeis, Mark A. et al.

TITLE OF INVENTION: Modulators of Amyloid Aggregation

NUMBER OF SEQUENCES: 45

CORRESPONDENCE ADDRESS:

ADDRESSEE: LAHIVE & COCKFIELD, LLP

STREET: 28 State Street

CITY: Boston

STATE: Massachusetts

COUNTRY: USA

ZIP: 02109-1875

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/972,475

FILING DATE: 04-Oct-2001

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/617,267

FILING DATE: <Unknown>

APPLICATION NUMBER: USSN 08/475,579

FILING DATE: 07-JUN-1995

APPLICATION NUMBER: USSN 08/548,998

FILING DATE: 27-OCT-1995

ATTORNEY/AGENT INFORMATION:

NAME: DeConti, Giulio A.

REGISTRATION NUMBER: 31,503

REFERENCE/DOCKET NUMBER: PPT-002CP2

TELECOMMUNICATION INFORMATION:

TELEPHONE: (617)227-7400

TELEFAX: (617)227-5941

INFORMATION FOR SEQ ID NO: 14:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 amino acids

TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: peptide

FRAGMENT TYPE: internal

SEQUENCE DESCRIPTION: SEQ ID NO: 14:

US-09-972-475-14

Query Match 100.0%; Score 40; DB 9; Length 15;

Best Local Similarity 100.0%; Pred. No. 0.11;

Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8  
|||  
Db 1 KLVFFAED 8

RESULT 12

US-09-996-357-9

Sequence 9, Application US/09996357

Patent No. US20020133001A1

GENERAL INFORMATION:

APPLICANT: Gelter, Malcolm L

APPLICANT: Isreal, David I

APPLICANT: Joyal, John L

APPLICANT: Gosselin, Michael

TITLE OF INVENTION: THERAPEUTIC AGENTS AND METHODS OF USE THEREOF FOR

TITLE OF INVENTION: TREATING AN AMYLOIDOGENIC DISEASE

FILE REFERENCE: PPT-105

CURRENT APPLICATION NUMBER: US/09/996,357

CURRENT FILING DATE: 2001-11-27

PRIOR APPLICATION NUMBER: 60/253,302

PRIOR FILING DATE: 2000-11-27

PRIOR APPLICATION NUMBER: 60/250,198

PRIOR FILING DATE: 2000-11-29

PRIOR APPLICATION NUMBER: 60/257,186

PRIOR FILING DATE: 2000-12-20

NUMBER OF SEQ ID NOS: 13

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 9

LENGTH: 15

TYPE: PRT

ORGANISM: Homo sapiens

US-09-996-357-9

Query Match 100.0%; Score 40; DB 9; Length 15;

Best Local Similarity 100.0%; Pred. No. 0.11;

Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8  
|||  
Db 1 KLVFFAED 8

RESULT 13

US-10-235-483-56

Sequence 56, Application US/10235483

Publication No. US20030087407A1

GENERAL INFORMATION:

APPLICANT: SOTO-JARA, Claudio

BAUMANN, Marc

FRANGIONE, Bias

TITLE OF INVENTION: PEPTIDES AND PHARMACEUTICAL

COMPOSITIONS THEREOF FOR TREATMENT OF DISORDERS OR DISE

ASSOCIATED WITH PROTEIN FOLDING INTO AMYLOID OR AMYLOID-

DEPOSITS

NUMBER OF SEQUENCES: 69

CORRESPONDENCE ADDRESS:

ADDRESSEE: BROWDY AND NEIMARK

STREET: 419 Seventh Street, N.W., Suite 400

CITY: Washington

STATE: D.C.

COUNTRY: USA

ZIP: 20004

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/235,483

FILING DATE: 06-Sep-2002

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/766,596

FILING DATE: <Unknown>

APPLICATION NUMBER: US 08/630,645

FILING DATE: 10-APR-1996

APPLICATION NUMBER: US 08/478,326

FILING DATE: 06-JUN-1995

ATTORNEY/AGENT INFORMATION:

NAME: YUN, Allen C.  
REGISTRATION NUMBER: 37,971  
REFERENCE/DOCKET NUMBER: SOTO-JARA=1A  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-628-5197  
TELEFAX: 202-737-3528  
INFORMATION FOR SEQ ID NO: 56:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
SEQUENCE DESCRIPTION: SEQ ID NO: 56:  
US-10-235-483-56

Query Match 100.0%; Score 40; DB 14; Length 15;  
Best Local Similarity 100.0%; Pred. No. 0.11;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8  
Db 5 KLVFFAED 12

## RESULT 14

US-10-235-483-57  
Sequence 57, Application US/10235483  
Publication No. US20030087407A1  
GENERAL INFORMATION:

APPLICANT: SOTO-JARA, Claudio  
BAUMANN, Marc

FRANGIONE, Blas

TITLE OF INVENTION: PEPTIDES AND PHARMACEUTICAL  
COMPOSITIONS THEREOF FOR TREATMENT OF DISORDERS OR DISEASES  
ASSOCIATED WITH PROTEIN FOLDING INTO AMYLOID OR AMYLOID-LIKE  
DEPOSITS

NUMBER OF SEQUENCES: 69

CORRESPONDENCE ADDRESS:

ADDRESSEE: BROWDY AND NEIMARK

STREET: 419 Seventh Street, N.W., Suite 400

CITY: Washington

STATE: D.C.

COUNTRY: USA

ZIP: 20004

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/235,483

FILING DATE: 06-Sep-2002

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/766,596

FILING DATE: <Unknown>

APPLICATION NUMBER: US 08/630,645

FILING DATE: 10-APR-1996

APPLICATION NUMBER: US 08/478,326

FILING DATE: 06-JUN-1995

ATTORNEY/AGENT INFORMATION:

NAME: YUN, Allen C.

REGISTRATION NUMBER: 37,971

REFERENCE/DOCKET NUMBER: SOTO-JARA=1A

TELECOMMUNICATION INFORMATION:

TELEPHONE: 202-628-5197

TELEFAX: 202-737-3528

INFORMATION FOR SEQ ID NO: 57:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear  
MOLECULE TYPE: peptide  
SEQUENCE DESCRIPTION: SEQ ID NO: 57:  
US-10-235-483-57

Query Match 100.0%; Score 40; DB 14; Length 15;  
Best Local Similarity 100.0%; Pred. No. 0.11;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8  
Db 5 KLVFFAED 12

## RESULT 15

US-10-235-483-58  
Sequence 58, Application US/10235483  
Publication No. US20030087407A1  
GENERAL INFORMATION:

APPLICANT: SOTO-JARA, Claudio  
BAUMANN, Marc

FRANGIONE, Blas

TITLE OF INVENTION: PEPTIDES AND PHARMACEUTICAL  
COMPOSITIONS THEREOF FOR TREATMENT OF DISORDERS OR DISEASES  
ASSOCIATED WITH PROTEIN FOLDING INTO AMYLOID OR AMYLOID-LIKE  
DEPOSITS

NUMBER OF SEQUENCES: 69

CORRESPONDENCE ADDRESS:

ADDRESSEE: BROWDY AND NEIMARK

STREET: 419 Seventh Street, N.W., Suite 400

CITY: Washington

STATE: D.C.

COUNTRY: USA

ZIP: 20004

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/235,483

FILING DATE: 06-Sep-2002

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/766,596

FILING DATE: <Unknown>

APPLICATION NUMBER: US 08/630,645

FILING DATE: 10-APR-1996

APPLICATION NUMBER: US 08/478,326

FILING DATE: 06-JUN-1995

ATTORNEY/AGENT INFORMATION:

NAME: YUN, Allen C.

REGISTRATION NUMBER: 37,971

REFERENCE/DOCKET NUMBER: SOTO-JARA=1A

TELECOMMUNICATION INFORMATION:

TELEPHONE: 202-628-5197

TELEFAX: 202-737-3528

INFORMATION FOR SEQ ID NO: 58:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: peptide

SEQUENCE DESCRIPTION: SEQ ID NO: 58:

US-10-235-483-58

Query Match 100.0%; Score 40; DB 14; Length 15;  
Best Local Similarity 100.0%; Pred. No. 0.11;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8  
Db 5 KLVFFAED 12



Db 5 KLVFPAED 12

RESULT 16

US-10-235-483-63

Sequence 63, Application US/10235483

Publication No. US20030087407A1

GENERAL INFORMATION:

APPLICANT: SOTO-JARA, Claudio

BAUMANN, Marc

FRANGIONE, Bias

TITLE OF INVENTION: PEPTIDES AND PHARMACEUTICAL

COMPOSITIONS THEREOF FOR TREATMENT OF DISORDERS OR DISEASES

ASSOCIATED WITH PROTEIN FOLDING INTO AMYLOID OR AMYLOID-LIK

DEPOSITS

NUMBER OF SEQUENCES: 69

CORRESPONDENCE ADDRESS:

ADDRESSEE: BROWDY AND NEIMARK

STREET: 419 Seventh Street, N.W., Suite 400

CITY: Washington

STATE: D.C.

COUNTRY: USA

ZIP: 20004

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/235,483

FILING DATE: 06-Sep-2002

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/766,596

FILING DATE: <Unknown>

APPLICATION NUMBER: US 08/630,645

FILING DATE: 10-APR-1996

APPLICATION NUMBER: US 08/478,326

FILING DATE: 06-JUN-1995

ATTORNEY/AGENT INFORMATION:

NAME: YUN, Allen C.

REGISTRATION NUMBER: 37,971

REFERENCE/DOCKET NUMBER: SOTO-JARA=1A

TELECOMMUNICATION INFORMATION:

TELEPHONE: 202-628-5197

TELEFAX: 202-737-3528

INFORMATION FOR SEQ ID NO: 63:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: peptide

SEQUENCE DESCRIPTION: SEQ ID NO: 63:

US-10-235-483-63

Query Match 100.0%; Score 40; DB 14; Length 15;

Best Local Similarity 100.0%; Pred. No. 0.11; 0; Indels 0; Gaps 0;

Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFPAED 8

Db 5 KLVFPAED 12

RESULT 17

US-10-235-483-65

Sequence 65, Application US/10235483

Publication No. US20030087407A1

GENERAL INFORMATION:

APPLICANT: SOTO-JARA, Claudio

BAUMANN, Marc

FRANGIONE, Bias

TITLE OF INVENTION: PEPTIDES AND PHARMACEUTICAL

COMPOSITIONS THEREOF FOR TREATMENT OF DISORDERS OR DISEA

ASSOCIATED WITH PROTEIN FOLDING INTO AMYLOID OR AMYLOID-LIK

DEPOSITS

NUMBER OF SEQUENCES: 69

CORRESPONDENCE ADDRESS:

ADDRESSEE: BROWDY AND NEIMARK

STREET: 419 Seventh Street, N.W., Suite 400

CITY: Washington

STATE: D.C.

COUNTRY: USA

ZIP: 20004

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/235,483

FILING DATE: 06-Sep-2002

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/766,596

FILING DATE: <Unknown>

APPLICATION NUMBER: US 08/630,645

FILING DATE: 10-APR-1996

APPLICATION NUMBER: US 08/478,326

FILING DATE: 06-JUN-1995

ATTORNEY/AGENT INFORMATION:

NAME: YUN, Allen C.

REGISTRATION NUMBER: 37,971

REFERENCE/DOCKET NUMBER: SOTO-JARA=1A

TELECOMMUNICATION INFORMATION:

TELEPHONE: 202-628-5197

TELEFAX: 202-737-3528

INFORMATION FOR SEQ ID NO: 65:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: peptide

SEQUENCE DESCRIPTION: SEQ ID NO: 65:

US-10-235-483-65

Query Match 100.0%; Score 40; DB 14; Length 15;

Best Local Similarity 100.0%; Pred. No. 0.11; 0; Indels 0; Gaps 0;

Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFPAED 8

Db 5 KLVFPAED 12

RESULT 18

US-10-463-729-14

Sequence 14, Application US/10463729

Publication No. US20040005307A1

GENERAL INFORMATION:

APPLICANT: Findels, Mark A. et al.

TITLE OF INVENTION: Modulators of Amyloid Aggregation

NUMBER OF SEQUENCES: 45

CORRESPONDENCE ADDRESS:

ADDRESSEE: LAHIVE & COCKFIELD, LLP

STREET: 28 State Street

CITY: Boston

STATE: Massachusetts

COUNTRY: USA

ZIP: 02109-1875

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

```
SOFTWARE: PatentIn Release #1.0, Version #1.25
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/463,729
; FILING DATE: 17-JUNE-2003
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/617,267C
; FILING DATE: 14-MAR-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: USSN 08/404,831
; FILING DATE: 14-MAR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: USSN 08/475,579
; FILING DATE: 07-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: USSN 08/548,998
; FILING DATE: 27-OCT-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: DeConti, Giulio A.
; REGISTRATION NUMBER: 31,503
; REFERENCE/DOCKET NUMBER: PFI-002CP2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617)227-7400
; TELEFAX: (617)227-5941
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; FRAGMENT TYPE: internal
;
US-10-463-729-14
```

```
Query Match
Best Local Similarity 100.0%; Score 40; DB 15; Length 15;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1 KLVFFAED 8
Db 1 KLVFFAED 8
```

```
RESULT 19
US-09-992-800-3
; Sequence 3, Application US/09992800
; Patent No. US20020102261A1
; GENERAL INFORMATION:
; APPLICANT: Raso, Victor
; TITLE OF INVENTION: IMMUNOLOGICAL CONTROL OF BETA-AMYLOID LEVELS IN VIVO
; FILE REFERENCE: BBRI-2006
; CURRENT APPLICATION NUMBER: US/09/992,800
; PRIOR FILING DATE: 2001-11-06
; PRIOR APPLICATION NUMBER: 09/594,366
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/139,408
; PRIOR FILING DATE: 1999-06-16
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3
; LENGTH: 17
; TYPE: PRT
; ORGANISM: Homo sapiens
;
US-09-992-800-3
```

```
Query Match
Best Local Similarity 100.0%; Score 40; DB 9; Length 17;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1 KLVFFAED 8
Db 8 KLVFFAED 15
```

RESULT 20

```
US-09-992-994-3
; Sequence 3, Application US/09992994
; Patent No. US20020136718A1
; GENERAL INFORMATION:
; APPLICANT: Raso, Victor
; TITLE OF INVENTION: IMMUNOLOGICAL CONTROL OF BETA-AMYLOID LEVELS IN VIVO
; FILE REFERENCE: BBRI-2005
; CURRENT APPLICATION NUMBER: US/09/992,994
; PRIOR FILING DATE: 2001-11-06
; PRIOR APPLICATION NUMBER: 09/594,366
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/139,408
; PRIOR FILING DATE: 1999-06-16
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3
; LENGTH: 17
; TYPE: PRT
; ORGANISM: Homo sapiens
;
US-09-992-994-3
```

```
Query Match
Best Local Similarity 100.0%; Score 40; DB 9; Length 17;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1 KLVFFAED 8
Db 8 KLVFFAED 15
```

```
RESULT 21
US-09-998-491-8
; Sequence 8, Application US/09998491
; Publication No. US20030166529A1
; GENERAL INFORMATION:
; APPLICANT: Mileusnic, Radmila
; APPLICANT: Rose, Stephen Peter Russell
; TITLE OF INVENTION: Polypeptides and their Uses
; FILE REFERENCE: 3578-120
; CURRENT APPLICATION NUMBER: US/09/998,491
; PRIOR FILING DATE: 2001-11-30
; PRIOR APPLICATION NUMBER: GB 0109558.7
; PRIOR FILING DATE: 2001-04-18
; PRIOR APPLICATION NUMBER: GB 0120084
; PRIOR FILING DATE: 2001-08-07
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 17
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 17-mer polypeptide
;
US-09-998-491-8
```

```
Query Match
Best Local Similarity 100.0%; Score 40; DB 10; Length 17;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1 KLVFFAED 8
Db 5 KLVFFAED 12
```

```
RESULT 22
US-10-385-065-3
; Sequence 3, Application US/10385065
; Publication No. US20030235897A1
; GENERAL INFORMATION:
; APPLICANT: Raso, Victor
; TITLE OF INVENTION: IMMUNOLOGICAL CONTROL OF BETA-AMYLOID LEVELS IN VIVO
; FILE REFERENCE: BBRI-2004
; CURRENT APPLICATION NUMBER: US/10/385,065
```

```
; CURRENT FILING DATE: 2003-03-10
; PRIOR APPLICATION NUMBER: US/09/594,366
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/139,408
; PRIOR FILING DATE: 1999-06-16
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 3
; LENGTH: 17
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-385-065-3
```

```
Query Match      100.0%; Score 40; DB 15; Length 17;
Best Local Similarity 100.0%; Pred. No. 0.13;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
OY      1 KLVFFAED 8
        |||||
Db       8 KLVFFAED 15
```

```
RESULT 23
US-09-825-242-5
; Sequence 5, Application US/09825242
; Publication No. US20030092000A1
; GENERAL INFORMATION:
; APPLICANT: Schenk, Dale B.
; TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
; FILE REFERENCE: 15270J-004720US
; CURRENT APPLICATION NUMBER: US/09/825,242
; PRIOR FILING DATE: 2001-04-02
; PRIOR APPLICATION NUMBER: 09/201,430
; PRIOR FILING DATE: 1998-11-30
; PRIOR APPLICATION NUMBER: US 60/080,970
; PRIOR FILING DATE: 1998-04-07
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: Patentln Ver. 2.1
; SEQ ID NO 5
; LENGTH: 19
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Abeta13-28
; OTHER INFORMATION: peptide with carboxyl terminal Cys residue
; OTHER INFORMATION: Inserted and two added Gly residues
; NAME/KEY: MOD_RES
; LOCATION: (1)
; OTHER INFORMATION: Xaa = acetyl histidine
US-09-825-242-5
```

```
Query Match      100.0%; Score 40; DB 10; Length 19;
Best Local Similarity 100.0%; Pred. No. 0.14;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
OY      1 KLVFFAED 8
        |||||
Db       4 KLVFFAED 11
```

```
RESULT 24
US-09-792-079-11
; Sequence 11, Application US/09792079
; Publication No. US20030083277A1
; GENERAL INFORMATION:
; APPLICANT: University of Kentucky Research Foundation
; APPLICANT: Herish, Louis B.
; APPLICANT: Mukherjee, Atish
; TITLE OF INVENTION: Use of Insulin Degrading Enzyme (IDE) For The Treatment Of Alzhei
; TITLE OF INVENTION: Disease Patients
; FILE REFERENCE: 050229-0261
; CURRENT APPLICATION NUMBER: US/09/792,079
```

```
; CURRENT FILING DATE: 2001-02-26
; PRIOR APPLICATION NUMBER: 60/184,826
; PRIOR FILING DATE: 2000-02-24
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: Patentln version 3.1
; SEQ ID NO 11
; LENGTH: 26
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-792-079-11
```

```
Query Match      100.0%; Score 40; DB 10; Length 26;
Best Local Similarity 100.0%; Pred. No. 0.2;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
OY      1 KLVFFAED 8
        |||||
Db       2 KLVFFAED 9
```

```
RESULT 25
US-10-159-279-11
; Sequence 11, Application US/10159279
; Publication No. US20030165481A1
; GENERAL INFORMATION:
; APPLICANT: University of Kentucky Research Foundation
; APPLICANT: Herish, Louis B.
; APPLICANT: Mukherjee, Atish
; TITLE OF INVENTION: Use Of Insulin Degrading Enzyme (IDE) For The Treatment Of Al
; TITLE OF INVENTION: Disease Patients
; FILE REFERENCE: 050229-0298
; CURRENT APPLICATION NUMBER: US/10/159,279
; PRIOR FILING DATE: 2002-06-03
; PRIOR APPLICATION NUMBER: 60/184,826
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: 09/792,079
; PRIOR FILING DATE: 2001-02-26
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: Patentln version 3.1
; SEQ ID NO 11
; LENGTH: 26
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-159-279-11
```

```
Query Match      100.0%; Score 40; DB 14; Length 26;
Best Local Similarity 100.0%; Pred. No. 0.2;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
OY      1 KLVFFAED 8
        |||||
Db       2 KLVFFAED 9
```

```
RESULT 26
US-09-867-847-4
; Sequence 4, Application US/09867847
; Patent No. US20020094335A1
; GENERAL INFORMATION:
; APPLICANT: Chalfour, Robert
; APPLICANT: Hebert, Lise
; APPLICANT: Kong, Xiangl
; APPLICANT: Gervais, Francine
; TITLE OF INVENTION: VACCINE FOR THE PREVENTION AND TREATMENT OF ALZHEIMER'S
; TITLE OF INVENTION: AND AMYLOID RELATED DISEASES
; FILE REFERENCE: 14445-501 CIP
; CURRENT APPLICATION NUMBER: US/09/867,847
; PRIOR FILING DATE: 2001-09-20
; PRIOR APPLICATION NUMBER: 60/168,594
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: 09/724,842
; PRIOR FILING DATE: 2000-11-28
; NUMBER OF SEQ ID NOS: 65
```

```

; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: All D peptides
; OTHER INFORMATION: or peptidomimetics
US-09-867-847-4

```

```

Query Match      100.0%; Score 40; DB 9; Length 28;
Best Local Similarity 100.0%; Pred. No. 0.21;
Matches      8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY      1 KLVFFAED 8
      |||||
Db      16 KLVFFAED 23

```

RESULT 27

```

US-09-865-294-66
; Sequence 66, Application US/09865294
; Publication No. US20030068325A1
; GENERAL INFORMATION:
; APPLICANT: Wang, Chang Yi
; TITLE OF INVENTION: Immunogenic peptide composition as vaccines for the
; FILE REFERENCE: 1151-4167
; CURRENT APPLICATION NUMBER: US/09/865,294
; CURRENT FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 66
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-865-294-66

```

```

Query Match      100.0%; Score 40; DB 10; Length 28;
Best Local Similarity 100.0%; Pred. No. 0.21;
Matches      8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY      1 KLVFFAED 8
      |||||
Db      16 KLVFFAED 23

```

RESULT 28

```

US-09-792-079-5
; Sequence 5, Application US/09792079
; Publication No. US20030083277A1
; GENERAL INFORMATION:
; APPLICANT: University of Kentucky Research Foundation
; APPLICANT: Herish, Louis B.
; TITLE OF INVENTION: Use Of Insulin Degrading Enzyme (IDE) For The Treatment Of Alzhei
; TITLE OF INVENTION: Disease Patients
; FILE REFERENCE: 050229-0261
; CURRENT APPLICATION NUMBER: US/09/792,079
; CURRENT FILING DATE: 2001-02-26
; PRIOR APPLICATION NUMBER: 60/184,826
; PRIOR FILING DATE: 2000-02-24
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-792-079-5

```

```

Query Match      100.0%; Score 40; DB 10; Length 28;
Best Local Similarity 100.0%; Pred. No. 0.21;
Matches      8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY      1 KLVFFAED 8
      |||||
Db      16 KLVFFAED 23

```

RESULT 29

```

US-10-363-082-2
; Sequence 2, Application US/10363082
; Publication No. US20040029279A1
; GENERAL INFORMATION:
; APPLICANT: American Cyanamid Company
; TITLE OF INVENTION: Packaging of positive-strand RNA virus replicon
; TITLE OF INVENTION: particles
; FILE REFERENCE: 01142-0200-00304
; CURRENT APPLICATION NUMBER: US/10/363,082
; CURRENT FILING DATE: 2003-02-27
; PRIOR APPLICATION NUMBER: 60/228,906
; PRIOR FILING DATE: 2000-08-29
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-363-082-2

```

```

Query Match      100.0%; Score 40; DB 12; Length 28;
Best Local Similarity 100.0%; Pred. No. 0.21;
Matches      8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY      1 KLVFFAED 8
      |||||
Db      16 KLVFFAED 23

```

RESULT 30

```

US-10-159-279-5
; Sequence 5, Application US/10159279
; Publication No. US20030165481A1
; GENERAL INFORMATION:
; APPLICANT: University of Kentucky Research Foundation
; APPLICANT: Mukherjee, Atish
; TITLE OF INVENTION: Use Of Insulin Degrading Enzyme (IDE) For The Treatment Of Al
; TITLE OF INVENTION: Disease Patients
; FILE REFERENCE: 050229-0298
; CURRENT APPLICATION NUMBER: US/10/159,279
; CURRENT FILING DATE: 2002-06-03
; PRIOR APPLICATION NUMBER: 60/184,826
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: 09/792,079
; PRIOR FILING DATE: 2001-02-26
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-159-279-5

```

```

Query Match      100.0%; Score 40; DB 14; Length 28;
Best Local Similarity 100.0%; Pred. No. 0.21;
Matches      8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY      1 KLVFFAED 8
      |||||
Db      16 KLVFFAED 23

```

RESULT 31

```

US-09-861-847-1
; Sequence 1, Application US/09861847

```



Patent No. US20020077288A1  
; GENERAL INFORMATION:  
; APPLICANT: FRANGIONE, Blas  
; APPLICANT: WISNIEWSKI, Thomas  
; APPLICANT: SIGURDSSON, Einar  
; TITLE OF INVENTION: SYNTHETIC IMMUNOGENIC BUT NON-AMYLOIDOGENIC PEPTIDES HOMOLOGOUS T  
; TITLE OF INVENTION: AMYLOID BETA FOR INDUCTION OF AN IMMUNE RESPONSE TO AMYLOID BETA  
; TITLE OF INVENTION: AMYLOID DEPOSITS  
; FILE REFERENCE: FRANGIONE=2A  
; CURRENT APPLICATION NUMBER: US/09/861,847  
; PRIOR FILING DATE: 2001-05-22  
; PRIOR APPLICATION NUMBER: 60/016,233  
; PRIOR FILING DATE: 2000-05-22  
; NUMBER OF SEQ ID NOS: 14  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1  
; LENGTH: 30  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic  
US-09-861-847-1

Query Match 100.0%; Score 40; DB 9; Length 30;  
Best Local Similarity 100.0%; Pred. No. 0.23;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8  
|||  
Db 16 KLVFFAED 23

RESULT 32  
US-10-666-423-1  
; Sequence 1, Application US/10666423  
; Publication No. US20040043935A1  
; GENERAL INFORMATION:  
; APPLICANT: FRANGIONE, Blas  
; APPLICANT: WISNIEWSKI, Thomas  
; APPLICANT: SIGURDSSON, Einar  
; TITLE OF INVENTION: SYNTHETIC IMMUNOGENIC BUT NON-AMYLOIDOGENIC PEPTIDES  
; TITLE OF INVENTION: HOMOLOGOUS TO AMYLOID BETA FOR INDUCTION OF AN IMMUNE  
; TITLE OF INVENTION: RESPONSE TO AMYLOID BETA AND AMYLOID DEPOSITS  
; FILE REFERENCE: 5986/1K433-US1  
; CURRENT APPLICATION NUMBER: US/10/666,423  
; CURRENT FILING DATE: 2003-09-19  
; PRIOR APPLICATION NUMBER: US/09/861,847A  
; PRIOR FILING DATE: 2001-05-22  
; PRIOR APPLICATION NUMBER: 60/016,233  
; PRIOR FILING DATE: 2000-05-22  
; NUMBER OF SEQ ID NOS: 15  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1  
; LENGTH: 30  
; TYPE: PRT  
; ORGANISM: Artificial  
; FEATURE:  
; OTHER INFORMATION: Synthetic  
US-10-666-423-1

Query Match 100.0%; Score 40; DB 12; Length 30;  
Best Local Similarity 100.0%; Pred. No. 0.23;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8  
|||  
Db 16 KLVFFAED 23

RESULT 33  
US-10-301-488A-1  
; Sequence 1, Application US/10301488A  
; Publication No. US2003016558A1

; GENERAL INFORMATION:  
; APPLICANT: FRANGIONE, Blas  
; APPLICANT: WISNIEWSKI, Thomas  
; APPLICANT: SIGURDSSON, Einar  
; TITLE OF INVENTION: SYNTHETIC IMMUNOGENIC BUT NON-DEPOSIT-FORMING POLYPEPTIDES ANT  
; TITLE OF INVENTION: PEPTIDES HOMOLOGOUS TO AMYLOID BETA, PRION PROTEIN, AMYLIN,  
; TITLE OF INVENTION: ALPHA-STRUCTURE, OR POLYGLUTAMINE REPEATS FOR INDUCTION OF AN  
; TITLE OF INVENTION: IMMUNE RESPONSE THERETO  
; FILE REFERENCE: 5986/1K434US1  
; CURRENT APPLICATION NUMBER: US/10/301,488A  
; CURRENT FILING DATE: 2002-11-21  
; PRIOR APPLICATION NUMBER: US 60/331,801  
; PRIOR FILING DATE: 2001-11-21  
; NUMBER OF SEQ ID NOS: 55  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 1  
; LENGTH: 30  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic  
US-10-301-488A-1

Query Match 100.0%; Score 40; DB 14; Length 30;  
Best Local Similarity 100.0%; Pred. No. 0.23;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8  
|||  
Db 16 KLVFFAED 23

RESULT 34  
US-09-930-915A-295  
; Sequence 295, Application US/09930915A  
; Publication No. US20030138769A1  
; GENERAL INFORMATION:  
; APPLICANT: Birkett, Ashley J.  
; TITLE OF INVENTION: IMMUNOGENIC HBC CHIMER PARTICLES HAVING ENHANCED  
; TITLE OF INVENTION: STABILITY  
; FILE REFERENCE: 4564/83501 ICC-102.2 PCT  
; CURRENT APPLICATION NUMBER: US/09/930,915A  
; CURRENT FILING DATE: 2001-08-15  
; PRIOR APPLICATION NUMBER: 60/226,867  
; PRIOR FILING DATE: 2000-08-22  
; PRIOR APPLICATION NUMBER: 60/225,843  
; PRIOR FILING DATE: 2000-08-16  
; NUMBER OF SEQ ID NOS: 313  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 295  
; LENGTH: 33  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-930-915A-295

Query Match 100.0%; Score 40; DB 10; Length 33;  
Best Local Similarity 100.0%; Pred. No. 0.25;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8  
|||  
Db 16 KLVFFAED 23

RESULT 35  
US-10-082-014-84  
; Sequence 84, Application US/10082014  
; Publication No. US20030185858A1  
; GENERAL INFORMATION:  
; APPLICANT: Birkett, Ashley J.  
; TITLE OF INVENTION: IMMUNOGENIC HBC CHIMER PARTICLES STABILIZED WITH AN N-TERMINAL  
; FILE REFERENCE: ICC-130.0 4564/85124  
; CURRENT APPLICATION NUMBER: US/10/082,014

/ CURRENT FILING DATE: 2002-02-22  
/ PRIOR APPLICATION NUMBER: 09/930,915  
/ PRIOR FILING DATE: 2001-08-15  
/ NUMBER OF SEQ ID NOS: 290  
/ SOFTWARE: PatentIn version 3.1  
/ SEQ ID NO 84  
/ LENGTH: 33  
/ TYPE: PRT  
/ ORGANISM: Alzheimer's disease b-Amyloid  
US-10-082-014-84

Query Match 100.0%; Score 40; DB 14; Length 33;  
Best Local Similarity 100.0%; Pred. No. 0.25;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8  
|||  
Db 16 KLVFFAED 23

RESULT 36  
US-10-372-076-85  
/ Sequence 85, Application US/10372076  
/ Publication No. US20030198645A1  
/ GENERAL INFORMATION:  
/ APPLICANT: Friede, Mark  
/ TITLE OF INVENTION: STABILIZED HBC CHIMER PARTICLES AS THERAPEUTIC VACCINE FOR  
/ TITLE OF INVENTION: CHRONIC HEPATITIS  
/ FILE REFERENCE: 4564/87179  
/ CURRENT APPLICATION NUMBER: US/10/372,076  
/ PRIOR FILING DATE: 2003-02-21  
/ PRIOR APPLICATION NUMBER: 10/080,299  
/ PRIOR FILING DATE: 2002-02-21  
/ PRIOR FILING DATE: 2002-02-22  
/ NUMBER OF SEQ ID NOS: 308  
/ SOFTWARE: PatentIn version 3.2  
/ SEQ ID NO 85  
/ LENGTH: 33  
/ TYPE: PRT  
/ ORGANISM: Alzheimer's disease b-Amyloid  
US-10-372-076-85

Query Match 100.0%; Score 40; DB 14; Length 33;  
Best Local Similarity 100.0%; Pred. No. 0.25;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8  
|||  
Db 16 KLVFFAED 23

RESULT 37  
US-09-867-847-3  
/ Sequence 3, Application US/09867847  
/ Patent No. US20020094335A1  
/ GENERAL INFORMATION:  
/ APPLICANT: Chalfour, Robert  
/ APPLICANT: Hebert, Lise  
/ APPLICANT: Kong, Xiang  
/ APPLICANT: Gervais, Francine  
/ TITLE OF INVENTION: VACCINE FOR THE PREVENTION AND TREATMENT OF ALZHEIMER'S  
/ TITLE OF INVENTION: AND AMYLOID RELATED DISEASES  
/ FILE REFERENCE: 14445-501 CIP  
/ CURRENT APPLICATION NUMBER: US/09/867,847  
/ PRIOR FILING DATE: 2001-09-20  
/ PRIOR APPLICATION NUMBER: 60/168,594  
/ PRIOR FILING DATE: 1999-11-29  
/ PRIOR APPLICATION NUMBER: 09/724,842  
/ PRIOR FILING DATE: 2000-11-28  
/ NUMBER OF SEQ ID NOS: 65  
/ SOFTWARE: PatentIn Ver. 2.1

/ SEQ ID NO 3  
/ LENGTH: 35  
/ TYPE: PRT  
/ ORGANISM: Artificial Sequence  
/ FEATURE:  
/ OTHER INFORMATION: Description of Artificial Sequence: All D peptides  
/ OTHER INFORMATION: or peptidomimetics  
US-09-867-847-3

Query Match 100.0%; Score 40; DB 9; Length 35;  
Best Local Similarity 100.0%; Pred. No. 0.27;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8  
|||  
Db 16 KLVFFAED 23

RESULT 38  
US-09-972-475-16  
/ Sequence 16, Application US/09972475  
/ Patent No. US20020098173A1  
/ GENERAL INFORMATION:  
/ APPLICANT: Findeis, Mark A. et al.  
/ TITLE OF INVENTION: Modulators of Amyloid Aggregation  
/ NUMBER OF SEQUENCES: 45  
/ CORRESPONDENCE ADDRESS:  
/ ADDRESSEE: LAHIVE & COCKFIELD, LLP  
/ STREET: 28 State Street  
/ CITY: Boston  
/ STATE: Massachusetts  
/ COUNTRY: USA  
/ ZIP: 02109-1875  
/ COMPUTER READABLE FORM:  
/ MEDIUM TYPE: Floppy disk  
/ COMPUTER: IBM PC compatible  
/ OPERATING SYSTEM: PC-DOS/MS-DOS  
/ SOFTWARE: PatentIn Release #1.0, Version #1.25  
/ CURRENT APPLICATION DATA:  
/ APPLICATION NUMBER: US/09/972,475  
/ FILING DATE: 04-Oct-2001  
/ PRIOR APPLICATION DATA:  
/ APPLICATION NUMBER: 08/617,267  
/ FILING DATE: <Unknown>  
/ APPLICATION NUMBER: USSN 08/475,579  
/ FILING DATE: 07-JUN-1995  
/ APPLICATION NUMBER: USSN 08/548,998  
/ FILING DATE: 27-OCT-1995  
/ ATTORNEY/AGENT INFORMATION:  
/ NAME: Decont, Giulio A.  
/ REGISTRATION NUMBER: 31,503  
/ REFERENCE/DOCKET NUMBER: PFI-002CP2  
/ TELECOMMUNICATION INFORMATION:  
/ TELEPHONE: (617)227-7400  
/ TELEFAX: (617)227-5941  
/ INFORMATION FOR SEQ ID NO: 16:  
/ SEQUENCE CHARACTERISTICS:  
/ LENGTH: 35 amino acids  
/ TYPE: amino acid  
/ TOPOLOGY: linear  
/ MOLECULE TYPE: peptide  
/ FRAGMENT TYPE: internal  
/ SEQUENCE DESCRIPTION: SEQ ID NO: 16:  
US-09-972-475-16

Query Match 100.0%; Score 40; DB 9; Length 35;  
Best Local Similarity 100.0%; Pred. No. 0.27;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8  
|||  
Db 11 KLVFFAED 18

RESULT 39  
US-10-463-729-16  
; Sequence 16, Application US/10463729  
; Publication No. US20040005307A1  
; GENERAL INFORMATION:  
; APPLICANT: Findels, Mark A. et al.  
; TITLE OF INVENTION: Modulators of Amyloid Aggregation  
; NUMBER OF SEQUENCES: 45  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: LAHIVE & COCKFIELD, LLP  
; STREET: 28 State Street  
; CITY: Boston  
; STATE: Massachusetts  
; COUNTRY: USA  
; ZIP: 02109-1875  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/10/463,729  
; FILING DATE: 17-JUNE-2003  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/617,267C  
; FILING DATE: 14-MAR-1996  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: USSN 08/404,831  
; FILING DATE: 14-MAR-1995  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: USSN 08/475,579  
; FILING DATE: 07-JUN-1995  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: USSN 08/548,998  
; FILING DATE: 27-OCT-1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: DeConti, Giulio A.  
; REGISTRATION NUMBER: 31,503  
; REFERENCE/DOCKET NUMBER: PPI-002CP2  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (617)227-7400  
; TELEFAX: (617)227-5941  
; INFORMATION FOR SEQ ID NO: 16:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 35 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: peptide  
; FRAGMENT TYPE: internal  
; US-10-463-729-16

Query Match 100.0%; Score 40; DB 15; Length 35;  
Best Local Similarity 100.0%; Pred. No. 0.27;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8  
|||  
Db 11 KLVFFAED 18

RESULT 40  
US-09-861-847-6  
; Sequence 6, Application US/09861847  
; Patent No. US20020077288A1  
; GENERAL INFORMATION:  
; APPLICANT: FRANGIONE, Blas  
; APPLICANT: WISNIEWSKI, Thomas  
; APPLICANT: SIGURDSSON, Einar  
; TITLE OF INVENTION: SYNTHETIC IMMUNOGENIC BUT NON-AMYLOIDOGENIC PEPTIDES HOMOLOGOUS TO  
; TITLE OF INVENTION: AMYLOID BETA FOR INDUCTION OF AN IMMUNE RESPONSE TO AMYLOID BETA  
; TITLE OF INVENTION: AMYLOID DEPOSITS  
; FILE REFERENCE: FRANGIONE=2A

; CURRENT APPLICATION NUMBER: US/09/861,847  
; CURRENT FILING DATE: 2001-05-22  
; PRIOR APPLICATION NUMBER: 60/016,233  
; PRIOR FILING DATE: 2000-05-22  
; NUMBER OF SEQ ID NOS: 14  
; SOFTWARE: Patentin version 3.0  
; SEQ ID NO 6  
; LENGTH: 36  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic  
; NAME/KEY: misc feature  
; OTHER INFORMATION: C-terminal residue 36 may be amidated.  
US-09-861-847-6

Query Match 100.0%; Score 40; DB 9; Length 36;  
Best Local Similarity 100.0%; Pred. No. 0.28;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8  
|||  
Db 22 KLVFFAED 29

RESULT 41  
US-09-861-847-11  
; Sequence 11, Application US/09861847  
; Patent No. US20020077288A1  
; GENERAL INFORMATION:  
; APPLICANT: FRANGIONE, Blas  
; APPLICANT: WISNIEWSKI, Thomas  
; APPLICANT: SIGURDSSON, Einar  
; TITLE OF INVENTION: SYNTHETIC IMMUNOGENIC BUT NON-AMYLOIDOGENIC PEPTIDES HOMOLOGOUS TO  
; TITLE OF INVENTION: AMYLOID BETA FOR INDUCTION OF AN IMMUNE RESPONSE TO AMYLOID BETA  
; FILE REFERENCE: FRANGIONE=2A  
; CURRENT APPLICATION NUMBER: US/09/861,847  
; CURRENT FILING DATE: 2001-05-22  
; PRIOR APPLICATION NUMBER: 60/016,233  
; PRIOR FILING DATE: 2000-05-22  
; NUMBER OF SEQ ID NOS: 14  
; SOFTWARE: Patentin version 3.0  
; SEQ ID NO 11  
; LENGTH: 36  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic  
US-09-861-847-11

Query Match 100.0%; Score 40; DB 9; Length 36;  
Best Local Similarity 100.0%; Pred. No. 0.28;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8  
|||  
Db 16 KLVFFAED 23

RESULT 42  
US-10-666-423-6  
; Sequence 6, Application US/10666423  
; Publication No. US20040043935A1  
; GENERAL INFORMATION:  
; APPLICANT: FRANGIONE, Blas  
; APPLICANT: WISNIEWSKI, Thomas  
; APPLICANT: SIGURDSSON, Einar  
; TITLE OF INVENTION: SYNTHETIC IMMUNOGENIC BUT NON-AMYLOIDOGENIC PEPTIDES  
; TITLE OF INVENTION: HOMOLOGOUS TO AMYLOID BETA FOR INDUCTION OF AN IMMUNE  
; TITLE OF INVENTION: RESPONSE TO AMYLOID BETA AND AMYLOID DEPOSITS  
; FILE REFERENCE: 5986/1K433-US1  
; CURRENT APPLICATION NUMBER: US/10/666,423

```
; CURRENT FILING DATE: 2003-09-19
; PRIOR APPLICATION NUMBER: US/09/861,847A
; PRIOR FILING DATE: 2001-05-22
; PRIOR APPLICATION NUMBER: 60/016,233
; PRIOR FILING DATE: 2000-05-22
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6
; LENGTH: 36
; TYPE: PRT
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic
; NAME/KEY: misc feature
; OTHER INFORMATION: C-terminal residue 36 may be amidated.
US-10-666-423-6
```

```
Query Match      100.0%; Score 40; DB 12; Length 36;
Best Local Similarity 100.0%; Pred. No. 0.28;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      1 KLVFFAED 8
        |||||
Db       22 KLVFFAED 29
```

```
RESULT 43
US-10-666-423-11
; Sequence 11, Application US/10666423
; Publication No. US20040043935A1
; GENERAL INFORMATION:
; APPLICANT: FRANGIONE, Blas
; APPLICANT: WISNIEWSKI, Thomas
; APPLICANT: SIGURDSSON, Einar
; TITLE OF INVENTION: SYNTHETIC IMMUNOGENIC BUT NON-AMYLOIDGENIC PEPTIDES
; TITLE OF INVENTION: HOMOLOGOUS TO AMYLOID BETA FOR INDUCTION OF AN IMMUNE
; TITLE OF INVENTION: RESPONSE TO AMYLOID BETA AND AMYLOID DEPOSITS
; FILE REFERENCE: 5986/1K433-US1
; CURRENT APPLICATION NUMBER: US/10/666,423
; CURRENT FILING DATE: 2003-09-19
; PRIOR APPLICATION NUMBER: US/09/861,847A
; PRIOR FILING DATE: 2001-05-22
; PRIOR APPLICATION NUMBER: 60/016,233
; PRIOR FILING DATE: 2000-05-22
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 11
; LENGTH: 36
; TYPE: PRT
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-666-423-11
```

```
Query Match      100.0%; Score 40; DB 12; Length 36;
Best Local Similarity 100.0%; Pred. No. 0.28;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      1 KLVFFAED 8
        |||||
Db       16 KLVFFAED 23
```

```
RESULT 44
US-10-301-488A-6
; Sequence 6, Application US/10301488A
; Publication No. US20030166558A1
; GENERAL INFORMATION:
; APPLICANT: FRANGIONE, Blas
; APPLICANT: WISNIEWSKI, Thomas
; APPLICANT: SIGURDSSON, Einar
; TITLE OF INVENTION: SYNTHETIC IMMUNOGENIC BUT NON-DEPOSIT-FORMING POLYPEPTIDES AND
```

```
; TITLE OF INVENTION: PEPTIDES HOMOLOGOUS TO AMYLOID BETA, PRION PROTEIN, AMYLIN,
; TITLE OF INVENTION: ALPHA-SYNUCLEIN, OR POLYGLUTAMINE REPEATS FOR INDUCTION OF AN
; TITLE OF INVENTION: IMMUNE RESPONSE THERETO
; FILE REFERENCE: 5986/1K434US1
; CURRENT APPLICATION NUMBER: US/10/301,488A
; CURRENT FILING DATE: 2002-11-21
; PRIOR APPLICATION NUMBER: US 60/331,801
; PRIOR FILING DATE: 2001-11-21
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6
; LENGTH: 36
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
; NAME/KEY: misc feature
; OTHER INFORMATION: C-terminal residue 36 may be amidated.
US-10-301-488A-6
```

```
Query Match      100.0%; Score 40; DB 14; Length 36;
Best Local Similarity 100.0%; Pred. No. 0.28;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      1 KLVFFAED 8
        |||||
Db       22 KLVFFAED 29
```

```
RESULT 45
US-10-301-488A-11
; Sequence 11, Application US/10301488A
; Publication No. US20030166558A1
; GENERAL INFORMATION:
; APPLICANT: FRANGIONE, Blas
; APPLICANT: WISNIEWSKI, Thomas
; APPLICANT: SIGURDSSON, Einar
; TITLE OF INVENTION: SYNTHETIC IMMUNOGENIC BUT NON-DEPOSIT-FORMING POLYPEPTIDES AND
; TITLE OF INVENTION: PEPTIDES HOMOLOGOUS TO AMYLOID BETA, PRION PROTEIN, AMYLIN,
; TITLE OF INVENTION: ALPHA-SYNUCLEIN, OR POLYGLUTAMINE REPEATS FOR INDUCTION OF AN
; FILE REFERENCE: 5986/1K434US1
; CURRENT APPLICATION NUMBER: US/10/301,488A
; CURRENT FILING DATE: 2002-11-21
; PRIOR APPLICATION NUMBER: US 60/331,801
; PRIOR FILING DATE: 2001-11-21
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 11
; LENGTH: 36
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-301-488A-11
```

```
Query Match      100.0%; Score 40; DB 14; Length 36;
Best Local Similarity 100.0%; Pred. No. 0.28;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      1 KLVFFAED 8
        |||||
Db       16 KLVFFAED 23
```

```
RESULT 46
US-10-051-496-5
; Sequence 5, Application US/10051496
; Publication No. US20020182660A1
; GENERAL INFORMATION:
; APPLICANT: Kei-Lai L. Fong
; TITLE OF INVENTION: N- and C-Terminus Specific Immunoassays for
```



Full Length Beta-Amyloid Peptide - Abeta(1-40), Abeta(1-39)  
Abeta(1-41), Abeta(1-42) and Abeta(1-43)

NUMBER OF SEQUENCES: 5  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Kei-Lai L. Fong  
STREET: 1004 West 8th Avenue  
CITY: King of Prussia  
STATE: Pennsylvania  
COUNTRY: USA  
ZIP: 19406

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.50 inch, 1.44MB storage  
COMPUTER: IBM PC Compatibles  
OPERATING SYSTEM: Windows  
SOFTWARE: MS No. US20020182660A1epad

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/051,496  
FILING DATE: 18-Jan-2002  
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/09/784,854A  
FILING DATE: 16-Feb-2001  
APPLICATION NUMBER: 60/183,407  
FILING DATE: 18-February-2000

ATTORNEY/AGENT INFORMATION:  
NAME: Koenig, C. Frederick III  
REGISTRATION NUMBER: 29,662  
REFERENCE/DOCKET NUMBER: PBI-PT001.1  
TELEPHONE: (215) 568-6400  
TELEFAX: (215) 568-6499

INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 39 Amino Acid  
TYPE: Amino Acid  
TOPOLOGY: Linear  
MOLECULE TYPE: Protein  
FEATURE:  
NAME/KEY: Signal Sequence  
LOCATION: 1-39  
IDENTIFICATION METHOD: Similarity to other sequences, hydro-phobic  
OTHER INFORMATION:  
PUBLICATION INFORMATION:  
AUTHORS:  
TITLE:  
JOURNAL:  
VOLUME:  
ISSUE:  
PAGES:  
DATE:  
RELEVANT RESIDUES IN SEQ ID NO: 5: FROM 1-39  
SEQUENCE DESCRIPTION: SEQ ID NO: 5:  
US-10-051-496-5

Query Match  
Best Local Similarity 100.0%; Score 40; DB 13; Length 39;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8  
Db 16 KLVFFAED 23

RESULT 47  
US-10-190-548A-5  
Sequence 5, Application US/10190548A  
Publication No. US20030109435A1  
GENERAL INFORMATION:  
APPLICANT: Griswold Premer, Irene  
APPLICANT: Wright, Sarah  
APPLICANT: Yednock, Theodore  
APPLICANT: Rydel, Russell  
TITLE OF INVENTION: Methods of Inhibiting Amyloid Toxicity

FILE REFERENCE: 08576.0030-00  
CURRENT APPLICATION NUMBER: US/10/190,548A  
CURRENT FILING DATE: 2002-12-09  
NUMBER OF SEQ ID NOS: 5  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 5  
LENGTH: 39  
TYPE: PRT  
ORGANISM: homo sapiens  
US-10-190-548A-5

Query Match  
Best Local Similarity 100.0%; Score 40; DB 14; Length 39;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8  
Db 16 KLVFFAED 23

RESULT 48  
US-09-861-847-7  
Sequence 7, Application US/09861847  
Patent No. US20020077288A1  
GENERAL INFORMATION:  
APPLICANT: FRANGIONE, Blas  
APPLICANT: WISNIEWSKI, Thomas  
APPLICANT: SIGURDSSON, Einar  
TITLE OF INVENTION: SYNTHETIC IMMUNOGENIC BUT NON-AMYLOIDGENIC PEPTIDES HOMOLOGOUS  
TITLE OF INVENTION: AMYLOID BETA FOR INDUCTION OF AN IMMUNE RESPONSE TO AMYLOID  
TITLE OF INVENTION: AMYLOID DEPOSITS  
FILE REFERENCE: FRANGIONE=2A  
CURRENT APPLICATION NUMBER: US/09/861,847  
CURRENT FILING DATE: 2001-05-22  
PRIOR APPLICATION NUMBER: 60/016,233  
PRIOR FILING DATE: 2000-05-22  
NUMBER OF SEQ ID NOS: 14  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 7  
LENGTH: 40  
TYPE: PRT  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic  
NAME/KEY: misc feature  
OTHER INFORMATION: Amino acid residues 1-6 can either be absent or present as Lys  
OTHER INFORMATION: Asp to form, in combination with residues 7-10, a N-terminal  
NAME/KEY: misc feature  
OTHER INFORMATION: The C-terminal Ala residue may be amidated.  
US-09-861-847-7

Query Match  
Best Local Similarity 100.0%; Score 40; DB 9; Length 40;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8  
Db 26 KLVFFAED 33

RESULT 49  
US-09-861-847-8  
Sequence 8, Application US/09861847  
Patent No. US20020077288A1  
GENERAL INFORMATION:  
APPLICANT: FRANGIONE, Blas  
APPLICANT: WISNIEWSKI, Thomas  
APPLICANT: SIGURDSSON, Einar  
TITLE OF INVENTION: SYNTHETIC IMMUNOGENIC BUT NON-AMYLOIDGENIC PEPTIDES HOMOLOGOUS  
TITLE OF INVENTION: AMYLOID BETA FOR INDUCTION OF AN IMMUNE RESPONSE TO AMYLOID  
TITLE OF INVENTION: AMYLOID DEPOSITS  
FILE REFERENCE: FRANGIONE=2A

/ CURRENT APPLICATION NUMBER: US/09/861,847  
/ CURRENT FILING DATE: 2001-05-22  
/ PRIOR APPLICATION NUMBER: 60/016,233  
/ PRIOR FILING DATE: 2000-05-22  
/ NUMBER OF SEQ ID NOS: 14  
/ SOFTWARE: PatentIn version 3.0  
/ SEQ ID NO 8  
/ LENGTH: 40  
/ TYPE: PRT  
/ ORGANISM: Artificial Sequence  
/ FEATURE:  
/ OTHER INFORMATION: Synthetic  
/ NAME/KEY: misc feature  
/ OTHER INFORMATION: Amino acid residues 35-40 can either be absent or present as Lys  
/ OTHER INFORMATION: or Asp to form, in combination with residues 31-34, a C-terminal  
/ OTHER INFORMATION: polylysine or polyaspartate segment of 4-10 residues in length.  
US-09-861-847-8

Query Match 100.0%; Score 40; DB 9; Length 40;  
Best Local Similarity 100.0%; Pred. No. 0.31;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8  
|||  
Db 16 KLVFFAED 23

RESULT 50  
US-09-867-847-2  
/ Sequence 2, Application US/09867847  
/ Patent No. US20020094335A1  
/ GENERAL INFORMATION:  
/ APPLICANT: Chalfour, Robert  
/ APPLICANT: Hebert, Lise  
/ APPLICANT: Kong, Xiangi  
/ APPLICANT: Gervais, Francine  
/ TITLE OF INVENTION: VACCINE FOR THE PREVENTION AND TREATMENT OF ALZHEIMER'S  
/ TITLE OF INVENTION: AND AMYLOID RELATED DISEASES  
/ FILE REFERENCE: 1445-501 CIP  
/ CURRENT APPLICATION NUMBER: US/09/867,847  
/ CURRENT FILING DATE: 2001-09-20  
/ PRIOR APPLICATION NUMBER: 60/168,594  
/ PRIOR FILING DATE: 1999-11-29  
/ PRIOR APPLICATION NUMBER: 09/724,842  
/ PRIOR FILING DATE: 2000-11-28  
/ NUMBER OF SEQ ID NOS: 65  
/ SOFTWARE: PatentIn Ver. 2.1  
/ SEQ ID NO 2  
/ LENGTH: 40  
/ TYPE: PRT  
/ ORGANISM: Artificial Sequence  
/ FEATURE:  
/ OTHER INFORMATION: Description of Artificial Sequence: All D peptides  
/ OTHER INFORMATION: or peptidomimetics  
US-09-867-847-2

Query Match 100.0%; Score 40; DB 9; Length 40;  
Best Local Similarity 100.0%; Pred. No. 0.31;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8  
|||  
Db 16 KLVFFAED 23

RESULT 51  
US-09-988-842-3  
/ Sequence 3, Application US/09988842  
/ Patent No. US20020143105A1  
/ GENERAL INFORMATION:  
/ APPLICANT: Johanson, Jan  
/ TITLE OF INVENTION: DISORDANT HELIX STABILIZATION FOR PREVENTION  
/ TITLE OF INVENTION: OF AMYLOID FORMATION

/ FILE REFERENCE: 12125-002001  
/ CURRENT APPLICATION NUMBER: US/09/988,842  
/ CURRENT FILING DATE: 2001-11-19  
/ PRIOR APPLICATION NUMBER: US 60/251,662  
/ PRIOR FILING DATE: 2000-12-06  
/ PRIOR APPLICATION NUMBER: US 60/253,695  
/ PRIOR FILING DATE: 2000-11-20  
/ NUMBER OF SEQ ID NOS: 26  
/ SOFTWARE: FastSeq for Windows Version 4.0  
/ SEQ ID NO 3  
/ LENGTH: 40  
/ TYPE: PRT  
/ ORGANISM: Artificial Sequence  
/ FEATURE:  
/ OTHER INFORMATION: Synthetically generated peptide  
US-09-988-842-3

Query Match 100.0%; Score 40; DB 9; Length 40;  
Best Local Similarity 100.0%; Pred. No. 0.31;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8  
|||  
Db 16 KLVFFAED 23

RESULT 52  
US-09-851-071-3  
/ Sequence 3, Application US/09851071  
/ Patent No. US20020177550A1  
/ GENERAL INFORMATION:  
/ APPLICANT: Schmidt, Anne Marie  
/ APPLICANT: Stern, David  
/ TITLE OF INVENTION: A METHOD FOR INHIBITING TUMOR INVASION OR SPREADING IN A SUBJE  
/ FILE REFERENCE: 0575/55424-2/JPM/SHS/MVM  
/ CURRENT APPLICATION NUMBER: US/09/851,071  
/ CURRENT FILING DATE: 2001-05-08  
/ NUMBER OF SEQ ID NOS: 6  
/ SOFTWARE: PatentIn version 3.1  
/ SEQ ID NO 3  
/ LENGTH: 40  
/ TYPE: PRT  
/ ORGANISM: Human  
US-09-851-071-3

Query Match 100.0%; Score 40; DB 9; Length 40;  
Best Local Similarity 100.0%; Pred. No. 0.31;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8  
|||  
Db 16 KLVFFAED 23

RESULT 53  
US-09-962-955C-36  
/ Sequence 36, Application US/09962955C  
/ Publication No. US20030013648A1  
/ GENERAL INFORMATION:  
/ APPLICANT: Gerardo M. Castillo  
/ APPLICANT: Alan D. Snow  
/ NUMBER OF SEQUENCES: 37  
/ CORRESPONDENCE ADDRESSES:  
/ ADDRESSEE: Patrick M. Dwyer  
/ STREET: ProteoTech, Inc, 1818 Westlake Avenue N, Suite 114  
/ CITY: Seattle  
/ STATE: WA (Washington)  
/ COUNTRY: United States of America  
/ ZIP: 98109  
/ COMPUTER READABLE FORM:  
/ MEDIUM TYPE: Diskette - 3.50 inch, 1.44 MB storage  
/ COMPUTER: IBM PC  
/ OPERATING SYSTEM: Windows 98

```
/ SOFTWARE: WordPerfect 9
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/962,955C
/ FILING DATE: 24-September-2001
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 09/938,275
/ FILING DATE: 22-August-2001
/ CLASSIFICATION:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Dwyer, Patrick M.
/ REGISTRATION NUMBER: 32,411
/ REFERENCE/DOCKET NUMBER: PROTEO.P03CI
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (206) 343-7074
/ TELEFAX: (206) 343-7085
/ INFORMATION FOR SEQ ID NO: 36:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 40 AMINO ACIDS
/ TYPE: AMINO ACID
/ STRANDEDNESS:
/ TOPOLOGY: LINEAR
/ ORIGINAL SOURCE:
/ ORGANISM: MOUSE
/ FEATURE:
/ OTHER INFORMATION: Also referred to in the specification as "AB 1-40"
US-09-962-955C-36
```

```
Query Match 100.0%; Score 40; DB 10; Length 40;
Best Local Similarity 100.0%; Pred. No. 0.31;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1 KLVFFAED 8
   |||||
Db 16 KLVFFAED 23
```

```
RESULT 54
US-09-792-079-12
; Sequence 12, Application US/09792079
; Publication No. US20030083277A1
; GENERAL INFORMATION:
; APPLICANT: University of Kentucky Research Foundation
; APPLICANT: Hersch, Louis B.
; APPLICANT: Mukherjee, Atish
; TITLE OF INVENTION: Use Of Insulin Degrading Enzyme (IDE) For The Treatment Of Alzhei
; FILE REFERENCE: 050229-0261
; CURRENT APPLICATION NUMBER: US/09/792,079
; CURRENT FILING DATE: 2001-02-26
; PRIOR APPLICATION NUMBER: 60/184,826
; PRIOR FILING DATE: 2000-02-24
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 12
; LENGTH: 40
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-792-079-12
```

```
Query Match 100.0%; Score 40; DB 10; Length 40;
Best Local Similarity 100.0%; Pred. No. 0.31;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1 KLVFFAED 8
   |||||
Db 16 KLVFFAED 23
```

```
RESULT 55
US-10-337-261-1
; Sequence 1, Application US/10337261
; Publication No. US20040028673A1
```

```
/ GENERAL INFORMATION:
/ APPLICANT: Netzer, William
/ APPLICANT: Greengard, Paul
/ APPLICANT: Xu, Huaxi
/ TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR PREVENTION AND TREATMENT OF AMYL
/ FILE REFERENCE: 1181-014-999
/ CURRENT APPLICATION NUMBER: US/10/337,261
/ CURRENT FILING DATE: 2003-01-06
/ PRIOR APPLICATION NUMBER: 60/345,009
/ PRIOR FILING DATE: 2002-01-04
/ NUMBER OF SEQ ID NOS: 2
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 1
/ LENGTH: 40
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-10-337-261-1
```

```
Query Match 100.0%; Score 40; DB 12; Length 40;
Best Local Similarity 100.0%; Pred. No. 0.31;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1 KLVFFAED 8
   |||||
Db 16 KLVFFAED 23
```

```
RESULT 56
US-10-666-423-7
; Sequence 7, Application US/10666423
; Publication No. US20040043935A1
; GENERAL INFORMATION:
; APPLICANT: FRANGIONE, Blas
; APPLICANT: WISNIEWSKI, Thomas
; APPLICANT: SIGURDSSON, Einar
; TITLE OF INVENTION: SYNTHETIC IMMUNOGENIC BUT NON-AMYLOIDGENIC PEPTIDES
; TITLE OF INVENTION: HOMOLOGOUS TO AMYLOID BETA FOR INDUCTION OF AN IMMUNE
; FILE REFERENCE: 5986/1K433-US1
; CURRENT APPLICATION NUMBER: US/10/666,423
; CURRENT FILING DATE: 2003-09-19
; PRIOR APPLICATION NUMBER: US/09/861,847A
; PRIOR FILING DATE: 2001-05-22
; PRIOR APPLICATION NUMBER: 60/016,233
; PRIOR FILING DATE: 2000-05-22
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7
; LENGTH: 40
; TYPE: PRT
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic
; NAME/KEY: misc feature
; OTHER INFORMATION: Amino acid residues 1-6 can either be absent or present as Lys
; OTHER INFORMATION: Asp to form, in combination with residues 7-10, a N-terminal
; OTHER INFORMATION: polylysine or polyaspartate segment of 4-10 residues in length
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: The C-terminal Ala residue may be amidated.
US-10-666-423-7
```

```
Query Match 100.0%; Score 40; DB 12; Length 40;
Best Local Similarity 100.0%; Pred. No. 0.31;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1 KLVFFAED 8
   |||||
Db 26 KLVFFAED 33
```

RESULT 57  
US-10-666-423-8  
; Sequence 8, Application US/10666423  
; Publication No. US20040043935A1  
; GENERAL INFORMATION:  
; APPLICANT: FRANGIONE, Blas  
; APPLICANT: WISNIEMSKI, Thomas  
; APPLICANT: SIGURDSSON, Einar  
; TITLE OF INVENTION: SYNTHETIC IMMUNOGENIC BUT NON-AMYLOIDOGENIC PEPTIDES  
; TITLE OF INVENTION: HOMOLOGOUS TO AMYLOID BETA FOR INDUCTION OF AN IMMUNE  
; TITLE OF INVENTION: RESPONSE TO AMYLOID BETA AND AMYLOID DEPOSITS  
; FILE REFERENCE: 5986/1K433-US1  
; CURRENT APPLICATION NUMBER: US/10/666,423  
; CURRENT FILING DATE: 2003-09-19  
; PRIOR APPLICATION NUMBER: US/09/861,847A  
; PRIOR FILING DATE: 2001-05-22  
; PRIOR APPLICATION NUMBER: 60/016,233  
; PRIOR FILING DATE: 2000-05-22  
; NUMBER OF SEQ ID NOS: 15  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 8  
; LENGTH: 40  
; TYPE: PRT  
; ORGANISM: Artificial  
; FEATURE:  
; OTHER INFORMATION: Synthetic  
; FEATURE:  
; NAME/KEY: misc feature  
; OTHER INFORMATION: Amino acid residues 35-40 can either be absent or present as Lys  
; OTHER INFORMATION: or Asp to form, in combination with residues 31-34, a C-terminal  
; OTHER INFORMATION: polylysine or polyaspartate segment of 4-10 residues in length  
US-10-666-423-8

Query Match  
Best Local Similarity 100.0%; Score 40; DB 12; Length 40;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8  
Db 16 KLVFFAED 23

RESULT 58  
US-10-007-779A-1  
; Sequence 1, Application US/10007779A  
; Publication No. US20020168753A1  
; GENERAL INFORMATION:  
; APPLICANT: Castillo, Gerardo and Snow, Alan  
; TITLE OF INVENTION: In Vitro Formation of Congophilic  
; TITLE OF INVENTION: Maltese-Cross Amyloid Plaques to Identify Anti-Plaque  
; TITLE OF INVENTION: Therapeutics for the Treatment of Alzheimer's and Prion Dis  
; NUMBER OF SEQUENCES: 1  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Patrick M. Dwyer  
; STREET: ProteoTech, Inc., 1818 Westlake Ave N, Suite 114  
; CITY: Seattle  
; STATE: WA (Washington)  
; COUNTRY: USA  
; ZIP: 98109  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5 inch diskette  
; COMPUTER: PC  
; OPERATING SYSTEM: Windows 98  
; SOFTWARE: WordPerfect 9  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/10/007,779A  
; FILING DATE: 28-Apr-2002  
; CLASSIFICATION: Unknown  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 09/267,795  
; FILING DATE: 12-March-1999  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Dwyer, Patrick M.

REGISTRATION NUMBER: 32,411  
REFERENCE/DOCKET NUMBER: PROTEO.P08  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (206) 343-7074  
TELEFAX: (206) 343-7085  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 40 AMINO ACIDS  
TYPE: AMINO ACID  
STRANDEDNESS: <Unknown>  
TOPOLOGY: LINEAR  
MOLECULE TYPE: PROTEIN  
SEQUENCE DESCRIPTION: SEQ ID NO: 1:  
US-10-007-779A-1

Query Match  
Best Local Similarity 100.0%; Score 40; DB 13; Length 40;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8  
Db 16 KLVFFAED 23

RESULT 59  
US-10-051-496-4  
; Sequence 4, Application US/10051496  
; Publication No. US20020182660A1  
; GENERAL INFORMATION:  
; APPLICANT: Kei-Lai L. Fong  
; TITLE OF INVENTION: N- and C-Terminus Specific Immunoassays for  
; TITLE OF INVENTION: Full Length Beta-Amyloid Peptide - Abeta(1-40), Abeta(1-  
; TITLE OF INVENTION: Abeta(1-41), Abeta(1-42) and Abeta(1-43)  
; NUMBER OF SEQUENCES: 5  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Kei-Lai L. Fong  
; STREET: 1004 West 8th Avenue  
; CITY: King of Prussia  
; STATE: Pennsylvania  
; COUNTRY: USA  
; ZIP: 19406  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.50 inch, 1.44MB storage  
; COMPUTER: IBM PC Compatibles  
; OPERATING SYSTEM: Windows  
; SOFTWARE: MS NO. US20020182660A1epad  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/10/051,496  
; FILING DATE: 18-Jan-2002  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/09/784,854A  
; FILING DATE: 16-Feb-2001  
; APPLICATION NUMBER: 60/183,407  
; FILING DATE: 18-February-2000  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Koenig, C. Frederick III  
; REGISTRATION NUMBER: 29,662  
; REFERENCE/DOCKET NUMBER: FBI-PT001.1  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (215) 568-6400  
; TELEFAX: (215) 568-6499  
; INFORMATION FOR SEQ ID NO: 4:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 40 Amino Acid  
; TYPE: Amino Acid  
; TOPOLOGY: Linear  
; MOLECULE TYPE: Protein  
; FEATURE:  
; NAME/KEY: Signal Sequence  
; LOCATION: 1-40  
; IDENTIFICATION METHOD: Similarity to other sequences, hydro-phobic  
; OTHER INFORMATION:



```

; PUBLICATION INFORMATION:
; AUTHORS:
; TITLE:
; JOURNAL:
; VOLUME:
; ISSUE:
; PAGES:
; DATE:
; RELEVANT RESIDUES IN SEQ ID NO: 4: FROM 1-40
; SEQUENCE DESCRIPTION: SEQ ID NO: 4:
US-10-051-496-4

Query Match      100.0%; Score 40; DB 13; Length 40;
Best Local Similarity 100.0%; Pred. No. 0.31;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 KLVFFAED 8
      |||||
Db      16 KLVFFAED 23

RESULT 60
US-10-217-584-3
; Sequence 3, Application US/10217584
; Publication No. US20030077261A1
; GENERAL INFORMATION:
; APPLICANT: Paris, Daniel
; APPLICANT: Muller, Michael
; TITLE OF INVENTION: Modulation of Angiogenesis by A-Beta Peptides
; FILE REFERENCE: USF-T161XC1
; CURRENT APPLICATION NUMBER: US/10/217,584
; PRIOR FILING DATE: 2002-08-12
; PRIOR APPLICATION NUMBER: 60/311,656
; PRIOR FILING DATE: 2001-08-10
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
; LENGTH: 40
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (1)..(40)
; OTHER INFORMATION: A-beta 1-40 peptide
US-10-217-584-3

Query Match      100.0%; Score 40; DB 14; Length 40;
Best Local Similarity 100.0%; Pred. No. 0.31;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 KLVFFAED 8
      |||||
Db      16 KLVFFAED 23

RESULT 61
US-10-169-580-1
; Sequence 1, Application US/10169580
; Publication No. US20030100477A1
; GENERAL INFORMATION:
; APPLICANT: Yamaneuchi Pharmaceutical Co., Ltd.
; TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS FOR SUPPRESSING B-AMYLOID PRODUCTION
; FILE REFERENCE: 070898
; CURRENT APPLICATION NUMBER: US/10/169,580
; PRIOR FILING DATE: 2002-07-08
; PRIOR APPLICATION NUMBER: 2000-131037
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: PCT/JP01/03555
; PRIOR FILING DATE: 2001-04-25
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 40

; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-169-580-1

Query Match      100.0%; Score 40; DB 14; Length 40;
Best Local Similarity 100.0%; Pred. No. 0.31;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 KLVFFAED 8
      |||||
Db      16 KLVFFAED 23

RESULT 62
US-10-143-534-3
; Sequence 3, Application US/10143534
; Publication No. US20030105152A1
; GENERAL INFORMATION:
; APPLICANT: Ingram, Vernon M.
; APPLICANT: Blanchard, Barbara J.
; APPLICANT: Stockwell, Brent R.
; TITLE OF INVENTION: TREATMENTS FOR NEUROTOXICITY IN ALZHEIMER'S DISEASE
; FILE REFERENCE: M00656/70078
; CURRENT APPLICATION NUMBER: US/10/143,534
; PRIOR FILING DATE: 2002-05-10
; PRIOR APPLICATION NUMBER: US 10/051,663
; PRIOR FILING DATE: 2002-01-18
; PRIOR APPLICATION NUMBER: US 09/706,574
; PRIOR FILING DATE: 2000-11-03
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: PatentIn Version 3.0
; SEQ ID NO 3
; LENGTH: 40
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Peptide
US-10-143-534-3

Query Match      100.0%; Score 40; DB 14; Length 40;
Best Local Similarity 100.0%; Pred. No. 0.31;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 KLVFFAED 8
      |||||
Db      16 KLVFFAED 23

RESULT 63
US-10-190-548A-4
; Sequence 4, Application US/10190548A
; Publication No. US20030109435A1
; GENERAL INFORMATION:
; APPLICANT: Griswold Premier, Irene
; APPLICANT: Wright, Sarah
; APPLICANT: Yednock, Theodore
; APPLICANT: Rydel, Russell
; TITLE OF INVENTION: Methods of Inhibiting Amyloid Toxicity
; FILE REFERENCE: 08576.0030-00
; CURRENT APPLICATION NUMBER: US/10/190,548A
; PRIOR FILING DATE: 2002-12-09
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 40
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-190-548A-4

Query Match      100.0%; Score 40; DB 14; Length 40;
Best Local Similarity 100.0%; Pred. No. 0.31;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY 1 KLVFFAED 8  
|||  
Db 16 KLVFFAED 23

## RESULT 64

US-10-051-663-3

; Sequence 3, Application US/10051663  
; Publication No. US20030114510A1  
; GENERAL INFORMATION:  
; APPLICANT: Ingram, Vernon M.  
; APPLICANT: Blanchard, Barbara J.  
; APPLICANT: Stockwell, Brent R.  
; TITLE OF INVENTION: TREATMENTS FOR NEUROTOXICITY IN ALZHEIMER'S DISEASE  
; FILE REFERENCE: M0656/7071  
; CURRENT APPLICATION NUMBER: US/10/051,663  
; CURRENT FILING DATE: 2002-01-18  
; PRIOR APPLICATION NUMBER: US 09/706,574  
; PRIOR FILING DATE: 2000-11-03  
; NUMBER OF SEQ ID NOS: 3  
; SOFTWARE: PatentIn Version 3.0  
; SEQ ID NO 3  
; LENGTH: 40  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Peptide  
US-10-051-663-3

## Query Match

Best Local Similarity 100.0%; Score 40; DB 14; Length 40;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8  
|||  
Db 16 KLVFFAED 23

## RESULT 65

US-10-151-614-1

; Sequence 1, Application US/10151614  
; Publication No. US20030147811A1  
; GENERAL INFORMATION:  
; APPLICANT: WISNIEWSKI, Thomas  
; APPLICANT: TURNBULL, Daniel  
; APPLICANT: SIGURDSSON, Einar  
; APPLICANT: ZAIM MADGHIRI, Yousef  
; TITLE OF INVENTION: DETECTION OF ALZHEIMER'S AMYLOID BY MAGNETIC RESONANCE  
; FILE REFERENCE: WISNIEWSKI 2A  
; CURRENT APPLICATION NUMBER: US/10/151,614  
; CURRENT FILING DATE: 2002-05-23  
; PRIOR APPLICATION NUMBER: US 60/292,625  
; PRIOR FILING DATE: 2001-05-23  
; NUMBER OF SEQ ID NOS: 1  
; SOFTWARE: PatentIn Version 3.1  
; SEQ ID NO 1  
; LENGTH: 40  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-151-614-1

## Query Match

Best Local Similarity 100.0%; Score 40; DB 14; Length 40;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8  
|||  
Db 16 KLVFFAED 23

RESULT 66  
US-10-159-279-12  
; Sequence 12, Application US/10159279

; Publication No. US20030165481A1  
; GENERAL INFORMATION:  
; APPLICANT: University of Kentucky Research Foundation  
; APPLICANT: Hersh, Louis B.  
; APPLICANT: Mukherjee, Atish  
; TITLE OF INVENTION: Use Of Insulin Degrading Enzyme (IDE) For The Treatment Of Al;  
; TITLE OF INVENTION: Disease Patients  
; FILE REFERENCE: 050229-0298  
; CURRENT APPLICATION NUMBER: US/10/159,279  
; CURRENT FILING DATE: 2002-06-03  
; PRIOR APPLICATION NUMBER: 60/184,826  
; PRIOR FILING DATE: 2000-02-24  
; PRIOR APPLICATION NUMBER: 09/792,079  
; PRIOR FILING DATE: 2001-02-26  
; NUMBER OF SEQ ID NOS: 13  
; SOFTWARE: PatentIn Version 3.1  
; SEQ ID NO 12  
; LENGTH: 40  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-159-279-12

## Query Match

Best Local Similarity 100.0%; Score 40; DB 14; Length 40;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8  
|||  
Db 16 KLVFFAED 23

## RESULT 67

US-10-301-488A-7

; Sequence 7, Application US/10301488A  
; Publication No. US20030166558A1  
; GENERAL INFORMATION:  
; APPLICANT: FRANGIONE, Blas  
; APPLICANT: WISNIEWSKI, Thomas  
; APPLICANT: SIGURDSSON, Einar  
; TITLE OF INVENTION: SYNTHETIC IMMUNOGENIC BUT NON-DEPOSIT-FORMING POLYPEPTIDES AND  
; TITLE OF INVENTION: PEPTIDES HOMOLOGOUS TO AMYLOID BETA, PRION PROTEIN, AMYLIN,  
; TITLE OF INVENTION: ALPHA-SYNUCLEIN, OR POLYGLUTAMINE REPEATS FOR INDUCTION OF AL  
; TITLE OF INVENTION: IMMUNE RESPONSE THERETO  
; FILE REFERENCE: 5986/1K434US1  
; CURRENT APPLICATION NUMBER: US/10/301,488A  
; CURRENT FILING DATE: 2002-11-21  
; PRIOR APPLICATION NUMBER: US 60/331,801  
; PRIOR FILING DATE: 2001-11-21  
; NUMBER OF SEQ ID NOS: 55  
; SOFTWARE: PatentIn Version 3.1  
; SEQ ID NO 7  
; LENGTH: 40  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic  
; FEATURE:  
; NAME/KEY: misc feature  
; LOCATION: (1)..(10)  
; OTHER INFORMATION: Amino acid residues 1-6 can either be absent or present as ly;  
; OTHER INFORMATION: Asp to form, in combination with residues 7-10, a N-terminal  
; OTHER INFORMATION: polylysine or polyaspartate segment of 4 to 10 residues in len;  
; FEATURE:  
; NAME/KEY: misc feature  
; OTHER INFORMATION: The C-terminal Ala residue may be amidated.  
US-10-301-488A-7

## Query Match

Best Local Similarity 100.0%; Score 40; DB 14; Length 40;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8  
|||

Db 26 KLVFFAED 33

## RESULT 68

US-10-301-488A-8

/ Sequence 8, Application US/10301488A  
/ Publication No. US20030166558A1  
/ GENERAL INFORMATION:  
/ APPLICANT: FRANGIONE, Bias  
/ APPLICANT: WISNIEWSKI, Thomas  
/ APPLICANT: SIGURDSSON, Einar  
/ TITLE OF INVENTION: SYNTHETIC IMMUNOGENIC BUT NON-DEPOSIT-FORMING POLYPEPTIDES AND  
/ TITLE OF INVENTION: PEPTIDES HOMOLOGOUS TO AMYLOID BETA, PRION PROTEIN, AMYLIN,  
/ TITLE OF INVENTION: ALPHA-SYNUCLEIN, OR POLYGLUTAMINE REPEATS FOR INDUCTION OF AN  
/ TITLE OF INVENTION: IMMUNE RESPONSE THERETO  
/ FILE REFERENCE: 5986/1K434US1  
/ CURRENT APPLICATION NUMBER: US/10/301,488A  
/ CURRENT FILING DATE: 2002-11-21  
/ PRIOR APPLICATION NUMBER: US 60/331,801  
/ PRIOR FILING DATE: 2001-11-21  
/ NUMBER OF SEQ ID NOS: 55  
/ SOFTWARE: PatentIn version 3.1  
/ SEQ ID NO 8  
/ LENGTH: 40  
/ TYPE: PRT  
/ ORGANISM: Artificial Sequence  
/ FEATURE:  
/ OTHER INFORMATION: Synthetic  
/ NAME/KEY: misc\_feature  
/ LOCATION: (31)..(40)  
/ OTHER INFORMATION: Amino acid residues 35-40 can either be absent or present as Lys  
/ OTHER INFORMATION: or Asp to form, in combination with residues 31-34, a C-terminal  
/ OTHER INFORMATION: polylysine or polyaspartate segment of 4-10 residues in length.  
US-10-301-488A-8

## Query Match

100.0%; Score 40; DB 14; Length 40;

Best Local Similarity 100.0%; Pred. No. 0.31;

Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8

Db 16 KLVFFAED 23

## RESULT 69

US-10-366-125-27

/ Sequence 27, Application US/10366125  
/ Publication No. US20030228259A1  
/ GENERAL INFORMATION:  
/ APPLICANT: Hellerstein, Marc  
/ TITLE OF INVENTION: MEASUREMENT OF BIOSYNTHESIS AND BREAKDOWN RATES OF  
/ TITLE OF INVENTION: BIOLOGICAL MOLECULES THAT ARE INACCESSIBLE OR NOT  
/ TITLE OF INVENTION: EASILY ACCESSIBLE TO DIRECT SAMPLING, NON-INVASIVELY,  
/ TITLE OF INVENTION: BY LABEL INCORPORATION INTO METABOLIC DERIVATIVES AND  
/ TITLE OF INVENTION: CATABOLIC PRODUCTS  
/ FILE REFERENCE: 416272003500  
/ CURRENT APPLICATION NUMBER: US/10/366,125  
/ CURRENT FILING DATE: 2003-02-12  
/ PRIOR APPLICATION NUMBER: US 60/356,008  
/ PRIOR FILING DATE: 2002-02-12  
/ NUMBER OF SEQ ID NOS: 28  
/ SOFTWARE: FastSeq for windows version 4.0  
/ SEQ ID NO 27  
/ LENGTH: 40  
/ TYPE: PRT  
/ ORGANISM: Homo sapiens  
US-10-366-125-27

## Query Match

100.0%; Score 40; DB 15; Length 40;

Best Local Similarity 100.0%; Pred. No. 0.31;

Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8

Db 16 KLVFFAED 23

## RESULT 70

US-10-051-496-3

/ Sequence 3, Application US/10051496  
/ Publication No. US20020182660A1  
/ GENERAL INFORMATION:  
/ APPLICANT: Kei-lai L. Fong  
/ TITLE OF INVENTION: N- and C-Terminus Specific Immunoassays for  
/ Full Length Beta-Amyloid Peptide - Abeta(1-40), Abeta(1-42), Abeta(1-43)  
/ Abeta(1-41), Abeta(1-42) and Abeta(1-43)  
/ NUMBER OF SEQUENCES: 5  
/ CORRESPONDENCE ADDRESS:  
/ ADDRESSEE: Kei-lai L. Fong  
/ STREET: 1004 West 8th Avenue  
/ CITY: King of Prussia  
/ STATE: Pennsylvania  
/ COUNTRY: USA  
/ ZIP: 19406  
/ COMPUTER READABLE FORM:  
/ MEDIUM TYPE: 3.50 inch, 1.44MB storage  
/ COMPUTER: IBM PC Compatibles  
/ OPERATING SYSTEM: Windows  
/ SOFTWARE: MS No. US20020182660A1epad  
/ CURRENT APPLICATION DATA:  
/ APPLICATION NUMBER: US/10/051,496  
/ FILING DATE: 18-Jan-2002  
/ CLASSIFICATION: <Unknown>  
/ PRIOR APPLICATION DATA:  
/ APPLICATION NUMBER: US/09/784,854A  
/ FILING DATE: 16-Feb-2001  
/ APPLICATION NUMBER: 60/183,407  
/ FILING DATE: 18-February-2000  
/ ATTORNEY/AGENT INFORMATION:  
/ NAME: Koenig, C. Frederick III  
/ REGISTRATION NUMBER: 29,662  
/ REFERENCE/DOCKET NUMBER: PBI-PT001.1  
/ TELECOMMUNICATION INFORMATION:  
/ TELEPHONE: (215) 568-6400  
/ TELEFAX: (215) 568-6499  
/ INFORMATION FOR SEQ ID NO: 3:  
/ SEQUENCE CHARACTERISTICS:  
/ LENGTH: 41 Amino Acid  
/ TYPE: Amino Acid  
/ TOPOLOGY: Linear  
/ MOLECULE TYPE: Protein  
/ FEATURE:  
/ NAME/KEY: signal sequence  
/ LOCATION: 1-41  
/ IDENTIFICATION METHOD: Similarity to other sequences, hydro-phobic  
/ OTHER INFORMATION:  
/ PUBLICATION INFORMATION:  
/ AUTHORS:  
/ TITLE:  
/ JOURNAL:  
/ VOLUME:  
/ ISSUE:  
/ PAGES:  
/ DATE:  
/ RELEVANT RESIDUES IN SEQ ID NO: 3: FROM 1-41  
/ SEQUENCE DESCRIPTION: SEQ ID NO: 3:  
US-10-051-496-3

## Query Match

100.0%; Score 40; DB 13; Length 41;

Best Local Similarity 100.0%; Pred. No. 0.32;

Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8

Db 16 KLVFFAED 23

RESULT 71  
US-10-190-548A-3  
; Sequence 3, Application US/10190548A  
; Publication No. US20030109435A1  
; GENERAL INFORMATION:  
; APPLICANT: Griswold Prener, Irene  
; APPLICANT: Wright, Sarah  
; APPLICANT: Yednock, Theodore  
; APPLICANT: Rydel, Russell  
; TITLE OF INVENTION: Methods of Inhibiting Amyloid Toxicity  
; FILE REFERENCE: 08576.0030-00  
; CURRENT APPLICATION NUMBER: US/10/190,548A  
; CURRENT FILING DATE: 2002-12-09  
; NUMBER OF SEQ ID NOS: 5  
; SOFTWARE: Patentin version 3.1  
; SEQ ID NO 3  
; LENGTH: 41  
; TYPE: PRT  
; ORGANISM: homo sapiens  
US-10-190-548A-3

Query Match 100.0%; Score 40; DB 14; Length 41;  
Best Local Similarity 100.0%; Pred. No. 0.32;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8  
Db 16 KLVFFAED 23

RESULT 72  
US-08-923-055-2  
; Sequence 2, Application US/08923055  
; Publication No. US20010016327A1  
; GENERAL INFORMATION:  
; APPLICANT: Dana Giuliani  
; TITLE OF INVENTION: Identification of Agents that Protect  
; TITLE OF INVENTION: Against Inflammatory Injury to Neurons  
; NUMBER OF SEQUENCES: 2  
; CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz  
ADDRESSEE: & No. US20010016327A1ris LLP  
STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: USA  
ZIP: 19103

COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: WORDPERFECT for WINDOWS 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/923,055  
FILING DATE: Sept-03-97  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Lori Y. Beardell  
REGISTRATION NUMBER: 34,293  
REFERENCE/DOCKET NUMBER: BYLR-0038  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-3439  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 2;  
SEQUENCE CHARACTERISTICS:  
LENGTH: 42 amino acids  
TYPE: amino acid  
TOPOLOGY: linear

MOLECULE TYPE: peptide  
US-08-923-055-2

Query Match 100.0%; Score 40; DB 8; Length 42;  
Best Local Similarity 100.0%; Pred. No. 0.33;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8  
Db 16 KLVFFAED 23

RESULT 73  
US-09-867-847-1  
; Sequence 1, Application US/09867847  
; Patent No. US20020094335A1  
; GENERAL INFORMATION:  
; APPLICANT: Chalfour, Robert  
; APPLICANT: Hebert, Lise  
; APPLICANT: Kong, Xiangi  
; APPLICANT: Gervais, Francine  
; TITLE OF INVENTION: VACCINE FOR THE PREVENTION AND TREATMENT OF ALZHEIMER'S  
; TITLE OF INVENTION: AND AMYLOID RELATED DISEASES  
; FILE REFERENCE: 14445-501 CIP  
; CURRENT APPLICATION NUMBER: US/09/867,847  
; CURRENT FILING DATE: 2001-09-20  
; PRIOR APPLICATION NUMBER: 60/168,594  
; PRIOR FILING DATE: 1999-11-29  
; PRIOR APPLICATION NUMBER: 09/724,842  
; PRIOR FILING DATE: 2000-11-28  
; NUMBER OF SEQ ID NOS: 65  
; SOFTWARE: Patentin Ver. 2.1  
; SEQ ID NO 1  
; LENGTH: 42  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: All D peptides  
US-09-867-847-1

Query Match 100.0%; Score 40; DB 9; Length 42;  
Best Local Similarity 100.0%; Pred. No. 0.33;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8  
Db 16 KLVFFAED 23

RESULT 74  
US-09-956-625-26  
; Sequence 26, Application US/09956625  
; Patent No. US20020119926A1  
; GENERAL INFORMATION:  
; APPLICANT: Fraser, Paul  
; TITLE OF INVENTION: Inhibitors of IAPP Fibril Formation and Uses Thereof  
; FILE REFERENCE: 14445-503  
; CURRENT APPLICATION NUMBER: US/09/956,625  
; CURRENT FILING DATE: 2001-09-19  
; PRIOR APPLICATION NUMBER: 60/233,482  
; PRIOR FILING DATE: 2000-09-19  
; NUMBER OF SEQ ID NOS: 27  
; SOFTWARE: Patentin Ver. 2.1  
; SEQ ID NO 26  
; LENGTH: 42  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-956-625-26

Query Match 100.0%; Score 40; DB 9; Length 42;  
Best Local Similarity 100.0%; Pred. No. 0.33;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;



OY 1 KLVFFAED 8  
16 KLVFFAED 23

## RESULT 75

US-09-731-460-1  
; Sequence 1, Application US/09731460  
; Patent No. US20020137112A1  
; GENERAL INFORMATION:  
; APPLICANT: Choikier, Mario  
; APPLICANT: Buck, Martina  
; TITLE OF INVENTION: Compositions and Methods for Diagnosing Alzheimer's  
; TITLE OF INVENTION: Disease  
; FILE REFERENCE: CHOQUIER-04302  
; CURRENT APPLICATION NUMBER: US/09/731,460  
; CURRENT FILING DATE: 2000-12-07  
; NUMBER OF SEQ ID NOS: 1  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 1  
; LENGTH: 42  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-09-731-460-1

Query Match 100.0%; Score 40; DB 9; Length 42;  
Best Local Similarity 100.0%; Pred. No. 0.33;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 KLVFFAED 8  
16 KLVFFAED 23

## RESULT 76

US-09-962-955C-37  
; Sequence 37, Application US/09962955C  
; Publication No. US20030013648A1  
; GENERAL INFORMATION:  
; APPLICANT: Gerardo M. Castillo  
; APPLICANT: Alan D. Snow  
; NUMBER OF SEQUENCES: 37  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Patrick M. Dwyer  
; STREET: ProteoTech, Inc, 1818 Westlake Avenue N, Suite 114  
; CITY: Seattle  
; STATE: WA (Washington)  
; COUNTRY: United States of America  
; ZIP: 98109  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette - 3.50 inch, 1.44 Mb storage  
; COMPUTER: IBM PC  
; OPERATING SYSTEM: Windows 98  
; SOFTWARE: WordPerfect 9  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/962,955C  
; FILING DATE: 24-September-2001  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 09/938,275  
; FILING DATE: 22-August-2001  
; CLASSIFICATION:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Dwyer, Patrick M.  
; REGISTRATION NUMBER: 32,411  
; REFERENCE/DOCKET NUMBER: PROTEO.P03CI  
; TELEPHONE: (206) 343-7074  
; TELEFAX: (206) 343-7085  
; INFORMATION FOR SEQ ID NO: 37:

SEQUENCE CHARACTERISTICS:  
LENGTH: 42 AMINO ACIDS  
TYPE: AMINO ACID  
STRANDEDNESS:  
TOPOLOGY: LINEAR  
ORIGINAL SOURCE:  
ORGANISM: MOUSE  
; FEATURE:  
; OTHER INFORMATION: Also referred to in the specification as "AB 1-42"  
US-09-962-955C-37

Query Match 100.0%; Score 40; DB 10; Length 42;  
Best Local Similarity 100.0%; Pred. No. 0.33;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 KLVFFAED 8  
16 KLVFFAED 23

## RESULT 77

US-09-848-616-174  
; Sequence 174, Application US/09848616  
; Publication No. US20030054010A1  
; GENERAL INFORMATION:  
; APPLICANT: Sebbel, Peter  
; APPLICANT: Dunant, Nicolas  
; APPLICANT: Bachmann, Martin  
; APPLICANT: Tissot, Alain  
; APPLICANT: Lechner, Franziska  
; TITLE OF INVENTION: Molecular Antigen Array  
; FILE REFERENCE: 1700.0180002  
; CURRENT APPLICATION NUMBER: US/09/848,616  
; CURRENT FILING DATE: 2001-05-05  
; NUMBER OF SEQ ID NOS: 186  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 174  
; LENGTH: 42  
; TYPE: PRT  
; ORGANISM: Unknown  
; FEATURE:  
; OTHER INFORMATION: Amyloid Beta Peptide  
US-09-848-616-174

Query Match 100.0%; Score 40; DB 10; Length 42;  
Best Local Similarity 100.0%; Pred. No. 0.33;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 KLVFFAED 8  
16 KLVFFAED 23

## RESULT 78

US-09-865-294-65  
; Sequence 65, Application US/09865294  
; Publication No. US20030068325A1  
; GENERAL INFORMATION:  
; APPLICANT: Wang, Chang Yi  
; TITLE OF INVENTION: Immunogenic peptide composition as vaccines for the  
; TITLE OF INVENTION: prevention and treatment of Alzheimer's Disease  
; FILE REFERENCE: 1151-4167  
; CURRENT APPLICATION NUMBER: US/09/865,294  
; CURRENT FILING DATE: 2001-05-25  
; NUMBER OF SEQ ID NOS: 76  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 65  
; LENGTH: 42  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-865-294-65

Query Match 100.0%; Score 40; DB 10; Length 42;

Best Local Similarity 100.0%; Pred. No. 0.33;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8  
| | | | |  
Db 16 KLVFFAED 23

## RESULT 79

US-09-792-079-13  
; Sequence 13, Application US/09792079  
; Publication No. US20030083277A1  
; GENERAL INFORMATION:  
; APPLICANT: University of Kentucky Research Foundation  
; APPLICANT: Hersch, Louis B.  
; APPLICANT: Mukherjee, Atish  
; TITLE OF INVENTION: Use Of Insulin Degrading Enzyme (IDE) For The Treatment Of Alzhei  
; FILE REFERENCE: 050229-0261  
; CURRENT APPLICATION NUMBER: US/09/792,079  
; CURRENT FILING DATE: 2001-02-26  
; PRIOR APPLICATION NUMBER: 60/184,826  
; PRIOR FILING DATE: 2000-02-24  
; NUMBER OF SEQ ID NOS: 13  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 13  
; LENGTH: 42  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-792-079-13

Query Match 100.0%; Score 40; DB 10; Length 42;  
Best Local Similarity 100.0%; Pred. No. 0.33;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8  
| | | | |  
Db 16 KLVFFAED 23

## RESULT 80

US-09-825-242-1  
; Sequence 1, Application US/09825242  
; Publication No. US20030092000A1  
; GENERAL INFORMATION:  
; APPLICANT: Schenk, Dale B.  
; APPLICANT: Neuraltab Limited  
; TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease  
; FILE REFERENCE: 15270J-004720US  
; CURRENT APPLICATION NUMBER: US/09/825,242  
; CURRENT FILING DATE: 2001-04-02  
; PRIOR APPLICATION NUMBER: 09/201,430  
; PRIOR FILING DATE: 1998-11-30  
; PRIOR APPLICATION NUMBER: US 60/080,970  
; PRIOR FILING DATE: 1998-04-07  
; NUMBER OF SEQ ID NOS: 5  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 1  
; LENGTH: 42  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; FEATURE:  
; OTHER INFORMATION: human Abeta42 beta-amyloid peptide  
US-09-825-242-1

Query Match 100.0%; Score 40; DB 10; Length 42;  
Best Local Similarity 100.0%; Pred. No. 0.33;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8  
| | | | |  
Db 16 KLVFFAED 23

## RESULT 81

US-09-930-915A-293  
; Sequence 293, Application US/09930915A  
; Publication No. US20030138769A1  
; GENERAL INFORMATION:  
; APPLICANT: Birkett, Ashley J.  
; TITLE OF INVENTION: IMMUNOGENIC HBC CHIMER PARTICLES HAVING ENHANCED  
; TITLE OF INVENTION: STABILITY  
; FILE REFERENCE: 4564/83501 ICC-102.2 PCT  
; CURRENT APPLICATION NUMBER: US/09/930,915A  
; CURRENT FILING DATE: 2001-08-15  
; PRIOR APPLICATION NUMBER: 60/226,867  
; PRIOR FILING DATE: 2000-08-22  
; PRIOR APPLICATION NUMBER: 60/225,843  
; PRIOR FILING DATE: 2000-08-16  
; NUMBER OF SEQ ID NOS: 313  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 293  
; LENGTH: 42  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-930-915A-293

Query Match 100.0%; Score 40; DB 10; Length 42;  
Best Local Similarity 100.0%; Pred. No. 0.33;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8  
| | | | |  
Db 16 KLVFFAED 23

## RESULT 82

US-10-337-261-2  
; Sequence 2, Application US/10337261  
; Publication No. US20040028673A1  
; GENERAL INFORMATION:  
; APPLICANT: Netzer, William  
; APPLICANT: Greengard, Paul  
; APPLICANT: Xu, Huaxi  
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR PREVENTION AND TREATMENT OF AMYL  
; TITLE OF INVENTION: PEPTIDE RELATED DISORDERS  
; FILE REFERENCE: 11181-014-999  
; CURRENT APPLICATION NUMBER: US/10/337,261  
; CURRENT FILING DATE: 2003-01-06  
; PRIOR APPLICATION NUMBER: 60/345,009  
; PRIOR FILING DATE: 2002-01-04  
; NUMBER OF SEQ ID NOS: 2  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 2  
; LENGTH: 42  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-337-261-2

Query Match 100.0%; Score 40; DB 12; Length 42;  
Best Local Similarity 100.0%; Pred. No. 0.33;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8  
| | | | |  
Db 16 KLVFFAED 23

## RESULT 83

US-10-363-082-1  
; Sequence 1, Application US/10363082  
; Publication No. US20040029279A1  
; GENERAL INFORMATION:  
; APPLICANT: American Cyanamid Company  
; TITLE OF INVENTION: Packaging of positive-strand RNA virus replicon  
; TITLE OF INVENTION: particles

FILE REFERENCE: 01142-0200-00304  
CURRENT APPLICATION NUMBER: US/10/363,082  
CURRENT FILING DATE: 2003-02-27  
PRIOR APPLICATION NUMBER: 60/228,906  
PRIOR FILING DATE: 2000-08-29  
NUMBER OF SEQ ID NOS: 3  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 1  
LENGTH: 42  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-10-363-082-1

Query Match  
Best Local Similarity 100.0%; Score 40; DB 12; Length 42;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8  
Db 16 KLVFFAED 23

RESULT 84  
US-10-051-496-2  
Sequence 2, Application US/10051496  
Publication No. US20020182660A1  
GENERAL INFORMATION:  
APPLICANT: Kei-Lai L. Fong  
TITLE OF INVENTION: N- and C-Terminus Specific Immunoassays for  
Full Length Beta-Amyloid Peptide - Abeta(1-40), Abeta(1-39)  
Abeta(1-41), Abeta(1-42) and Abeta (1-43)  
NUMBER OF SEQUENCES: 5  
CORRESPONDENCE ADDRESS:  
ADDRESS: Kei-Lai L. Fong  
STREET: 1004 West 8th Avenue  
CITY: King of Prussia  
STATE: Pennsylvania  
COUNTRY: USA  
ZIP: 19406  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.50 inch, 1.44MB storage  
COMPUTER: IBM PC Compatibles  
OPERATING SYSTEM: Windows  
SOFTWARE: MS No. US20020182660A1epad  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/051,496  
FILING DATE: 18-Jan-2002  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/09/784,854A  
FILING DATE: 16-Feb-2001  
APPLICATION NUMBER: 60/183,407  
FILING DATE: 18-February-2000  
ATTORNEY/AGENT INFORMATION:  
NAME: Koenig, C. Frederick III  
REGISTRATION NUMBER: 29,662  
REFERENCE/DOCKET NUMBER: PBI-PT001.1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-6400  
TELEFAX: (215) 568-6499  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 42 Amino Acid  
TYPE: Amino Acid  
TOPOLOGY: Linear  
MOLECULE TYPE: Protein  
FEATURE:  
NAME/KEY: Signal Sequence  
LOCATION: 1-42  
IDENTIFICATION METHOD: Similarity to other sequences, hydro-phobic  
OTHER INFORMATION:  
PUBLICATION INFORMATION:  
AUTHORS:

TITLE:  
JOURNAL:  
VOLUME:  
ISSUE:  
PAGES:  
DATE:  
RELEVANT RESIDUES IN SEQ ID NO: 2: FROM 1-42  
SEQUENCE DESCRIPTION: SEQ ID NO: 2:  
US-10-051-496-2

Query Match  
Best Local Similarity 100.0%; Score 40; DB 13; Length 42;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8  
Db 16 KLVFFAED 23

RESULT 85  
US-10-082-804-7  
Sequence 7, Application US/10082804  
Publication No. US20020194632A1  
GENERAL INFORMATION:  
APPLICANT: McCollough, Lisa  
APPLICANT: Gurney, Mark E.  
TITLE OF INVENTION: Transgenic Knockouts of BACE-1  
FILE REFERENCE: MBHB 02-329-A  
CURRENT APPLICATION NUMBER: US/10/082,804  
CURRENT FILING DATE: 2002-02-22  
PRIOR APPLICATION NUMBER: 60/271,092  
PRIOR FILING DATE: 2001-02-23  
PRIOR APPLICATION NUMBER: 60/271,514  
PRIOR FILING DATE: 2001-02-26  
PRIOR APPLICATION NUMBER: 60/293,762  
PRIOR FILING DATE: 2001-05-25  
NUMBER OF SEQ ID NOS: 7  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 7  
LENGTH: 42  
TYPE: PRT  
ORGANISM: Homo sapiens  
FEATURE:  
OTHER INFORMATION: A-beta 42 sequence.  
US-10-082-804-7

Query Match  
Best Local Similarity 100.0%; Score 40; DB 13; Length 42;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8  
Db 16 KLVFFAED 23

RESULT 86  
US-10-217-584-2  
Sequence 2, Application US/10217584  
Publication No. US20030077261A1  
GENERAL INFORMATION:  
APPLICANT: Paris, Daniel  
APPLICANT: Mullan, Michael  
TITLE OF INVENTION: Modulation of Angiogenesis by A-Beta Peptides  
FILE REFERENCE: USF-T161XC1  
CURRENT APPLICATION NUMBER: US/10/217,584  
CURRENT FILING DATE: 2002-08-12  
PRIOR APPLICATION NUMBER: 60/311,656  
PRIOR FILING DATE: 2001-08-10  
NUMBER OF SEQ ID NOS: 11  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 2  
LENGTH: 42  
TYPE: PRT

; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: PEPTIDE  
; LOCATION: (1)..(42)  
; OTHER INFORMATION: A-beta 1-42 peptide  
US-10-217-584-2

Query Match 100.0%; Score 40; DB 14; Length 42;  
Best Local Similarity 100.0%; Pred. No. 0.33;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8  
|||  
Db 16 KLVFFAED 23

RESULT 87  
US-10-169-580-2  
; Sequence 2, Application US/10169580  
; Publication No. US20030100477A1  
; GENERAL INFORMATION:  
; APPLICANT: Yamamouchi Pharmaceutical Co., Ltd.  
; TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS FOR SUPPRESSING B-AMYLOID PRODUCTION  
; FILE REFERENCE: Q70898  
; CURRENT APPLICATION NUMBER: US/10/169,580  
; CURRENT FILING DATE: 2002-07-08  
; PRIOR APPLICATION NUMBER: 2000-131037  
; PRIOR FILING DATE: 2000-04-28  
; PRIOR APPLICATION NUMBER: PCT/JP01/03555  
; PRIOR FILING DATE: 2001-04-25  
; NUMBER OF SEQ ID NOS: 21  
; SOFTWARE: Patentin version 3.1  
; SEQ ID NO 2  
; LENGTH: 42  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-169-580-2

Query Match 100.0%; Score 40; DB 14; Length 42;  
Best Local Similarity 100.0%; Pred. No. 0.33;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8  
|||  
Db 16 KLVFFAED 23

RESULT 88  
US-10-278-181-1  
; Sequence 1, Application US/10278181  
; Publication No. US20030104488A1  
; GENERAL INFORMATION:  
; APPLICANT: Chojkier, Mario  
; APPLICANT: Buck, Martina  
; TITLE OF INVENTION: Compositions and Methods for Diagnosing Alzheimer's  
; FILE REFERENCE: CHOUKIER-04302  
; CURRENT APPLICATION NUMBER: US/10/278,181  
; CURRENT FILING DATE: 2002-10-21  
; PRIOR APPLICATION NUMBER: US/09/731,460  
; PRIOR FILING DATE: 2000-12-07  
; NUMBER OF SEQ ID NOS: 1  
; SOFTWARE: Patentin Ver. 2.0  
; SEQ ID NO 1  
; LENGTH: 42  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-10-278-181-1

Query Match 100.0%; Score 40; DB 14; Length 42;  
Best Local Similarity 100.0%; Pred. No. 0.33;

Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8  
|||  
Db 16 KLVFFAED 23

RESULT 89  
US-10-143-534-2  
; Sequence 2, Application US/10143534  
; Publication No. US20030105152A1  
; GENERAL INFORMATION:  
; APPLICANT: Ingram, Vernon M.  
; APPLICANT: Blanchard, Barbara J.  
; APPLICANT: Stockwell, Brent R.  
; TITLE OF INVENTION: TREATMENTS FOR NEUROTOXICITY IN ALZHEIMER'S DISEASE  
; FILE REFERENCE: M00656/70078  
; CURRENT APPLICATION NUMBER: US/10/143,534  
; CURRENT FILING DATE: 2002-05-10  
; PRIOR APPLICATION NUMBER: US 10/051,663  
; PRIOR FILING DATE: 2002-01-18  
; PRIOR APPLICATION NUMBER: US 09/706,574  
; PRIOR FILING DATE: 2000-11-03  
; NUMBER OF SEQ ID NOS: 3  
; SOFTWARE: Patentin Version 3.0  
; SEQ ID NO 2  
; LENGTH: 42  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic peptide  
US-10-143-534-2

Query Match 100.0%; Score 40; DB 14; Length 42;  
Best Local Similarity 100.0%; Pred. No. 0.33;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8  
|||  
Db 16 KLVFFAED 23

RESULT 90  
US-10-190-548A-1  
; Sequence 1, Application US/10190548A  
; Publication No. US20030109435A1  
; GENERAL INFORMATION:  
; APPLICANT: Griswold Preiner, Irene  
; APPLICANT: Wright, Sarah  
; APPLICANT: Yednock, Theodore  
; APPLICANT: Rydel, Russell  
; TITLE OF INVENTION: Methods of Inhibiting Amyloid Toxicity  
; FILE REFERENCE: 08576.0030-00  
; CURRENT APPLICATION NUMBER: US/10/190,548A  
; CURRENT FILING DATE: 2002-12-09  
; NUMBER OF SEQ ID NOS: 5  
; SOFTWARE: Patentin version 3.1  
; SEQ ID NO 1  
; LENGTH: 42  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-190-548A-1

Query Match 100.0%; Score 40; DB 14; Length 42;  
Best Local Similarity 100.0%; Pred. No. 0.33;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8  
|||  
Db 16 KLVFFAED 23

RESULT 91



US-10-051-663-2  
; Sequence 2, Application US/10051663  
; Publication No. US20030114510A1  
; GENERAL INFORMATION:  
; APPLICANT: Ingram, Vernon M.  
; APPLICANT: Blanchard, Barbara J.  
; APPLICANT: Stockwell, Brent R.  
; TITLE OF INVENTION: TREATMENTS FOR NEUROTOXICITY IN ALZHEIMER'S DISEASE  
; FILE REFERENCE: M0656/7071  
; CURRENT APPLICATION NUMBER: US/10/051,663  
; CURRENT FILING DATE: 2002-01-18  
; PRIOR APPLICATION NUMBER: US 09/706,574  
; PRIOR FILING DATE: 2000-11-03  
; NUMBER OF SEQ ID NOS: 3  
; SOFTWARE: PatentIn Version 3.0  
; SEQ ID NO 2  
; LENGTH: 42  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Peptide  
US-10-051-663-2

Query Match 100.0%; Score 40; DB 14; Length 42;  
Best Local Similarity 100.0%; Pred. No. 0.33;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 KLVFFAED 8  
|||  
Db 16 KLVFFAED 23

RESULT 92  
US-10-159-279-13  
; Sequence 13, Application US/10159279  
; Publication No. US20030165481A1  
; GENERAL INFORMATION:  
; APPLICANT: University of Kentucky Research Foundation  
; APPLICANT: Hersh, Louis B.  
; APPLICANT: Mukherjee, Atish  
; TITLE OF INVENTION: Use Of Insulin Degrading Enzyme (IDE) For The Treatment Of Alzhei  
; FILE REFERENCE: 050229-0298  
; CURRENT APPLICATION NUMBER: US/10/159,279  
; CURRENT FILING DATE: 2002-06-03  
; PRIOR APPLICATION NUMBER: 60/184,826  
; PRIOR FILING DATE: 2000-02-24  
; PRIOR APPLICATION NUMBER: 09/792,079  
; PRIOR FILING DATE: 2001-02-26  
; NUMBER OF SEQ ID NOS: 13  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 13  
; LENGTH: 42  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-159-279-13

Query Match 100.0%; Score 40; DB 14; Length 42;  
Best Local Similarity 100.0%; Pred. No. 0.33;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 KLVFFAED 8  
|||  
Db 16 KLVFFAED 23

RESULT 93  
US-10-318-302-4  
; Sequence 4, Application US/10318302  
; Publication No. US20030171556A1  
; GENERAL INFORMATION:  
; APPLICANT: POSCO  
; APPLICANT: POSTECH FOUNDATION

; APPLICANT: Chae, Chi-Bom  
; APPLICANT: Cho, Yong Song  
; APPLICANT: Yang, Seung-Pil  
; APPLICANT: Kwon, Byung Oh  
; APPLICANT: Bae, Dong-Goo  
; APPLICANT: Hwang, Seewook  
; TITLE OF INVENTION: BETA-AMYLOID BINDING FACTORS AND INHIBITORS THEREOF  
; FILE REFERENCE: 10011-00001  
; CURRENT APPLICATION NUMBER: US/10/318,302  
; CURRENT FILING DATE: 2002-12-12  
; NUMBER OF SEQ ID NOS: 5  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 4  
; LENGTH: 42  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-318-302-4

Query Match 100.0%; Score 40; DB 14; Length 42;  
Best Local Similarity 100.0%; Pred. No. 0.33;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 KLVFFAED 8  
|||  
Db 16 KLVFFAED 23

RESULT 94  
US-10-050-902-220  
; Sequence 220, Application US/10050902  
; Publication No. US20030175290A1  
; GENERAL INFORMATION:  
; APPLICANT: Renner, Wolfgang A.  
; APPLICANT: Bachmann, Martin  
; APPLICANT: Tissot, Alain  
; APPLICANT: Maurer, Patrick  
; APPLICANT: Lechner, Franziska  
; APPLICANT: Seibel, Peter  
; APPLICANT: Plosek, Christine  
; TITLE OF INVENTION: Molecular Antigen Array  
; FILE REFERENCE: 1700.0190004  
; CURRENT APPLICATION NUMBER: US/10/050,902  
; CURRENT FILING DATE: 2002-01-18  
; PRIOR APPLICATION NUMBER: US 60/262,379  
; PRIOR FILING DATE: 2001-01-19  
; PRIOR APPLICATION NUMBER: US 60/288,549  
; PRIOR FILING DATE: 2001-05-04  
; PRIOR APPLICATION NUMBER: US 60/326,998  
; PRIOR FILING DATE: 2001-10-05  
; PRIOR APPLICATION NUMBER: US 60/331,045  
; PRIOR FILING DATE: 2001-11-07  
; NUMBER OF SEQ ID NOS: 350  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 220  
; LENGTH: 42  
; TYPE: PRT  
; ORGANISM: Amyloid Beta Peptide  
US-10-050-902-220

Query Match 100.0%; Score 40; DB 14; Length 42;  
Best Local Similarity 100.0%; Pred. No. 0.33;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 KLVFFAED 8  
|||  
Db 16 KLVFFAED 23

RESULT 95  
US-10-050-898-220  
; Sequence 220, Application US/10050898  
; Publication No. US20030175711A1  
; GENERAL INFORMATION:

```
; APPLICANT: Renner, Wolfgang A.
; APPLICANT: Bachmann, Martin
; APPLICANT: Tissot, Alain
; APPLICANT: Maurer, Patrick
; APPLICANT: Lechner, Franziska
; APPLICANT: Sebbel, Peter
; APPLICANT: Piossek, Christine
; APPLICANT: Ortman, Rainer
; APPLICANT: Luond, Rainer
; APPLICANT: Staufendiel, Matthias
; APPLICANT: Frey, Peter
; TITLE OF INVENTION: Molecular Antigen Array
; FILE REFERENCE: 1700.0190005
; CURRENT APPLICATION NUMBER: US/10/050,898
; PRIOR FILING DATE: 2002-01-18
; PRIOR APPLICATION NUMBER: US 60/262,379
; PRIOR FILING DATE: 2001-01-19
; PRIOR APPLICATION NUMBER: US 60/288,549
; PRIOR FILING DATE: 2001-05-04
; PRIOR APPLICATION NUMBER: US 60/326,998
; PRIOR FILING DATE: 2001-10-05
; PRIOR APPLICATION NUMBER: US 60/331,045
; PRIOR FILING DATE: 2001-11-07
; NUMBER OF SEQ ID NOS: 350
; SOFTWARE: Patentln Ver. 2.1
; SEQ ID NO 220
; LENGTH: 42
; TYPE: PRT
; ORGANISM: Amyloid Beta Peptide
US-10-050-898-220
```

```
Query Match      100.0%; Score 40; DB 14; Length 42;
Best Local Similarity 100.0%; Pred. No. 0.33;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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```
QY      1 KLVFFAED 8
        |||||
Db      16 KLVFFAED 23
```

```
RESULT 96
US-10-082-014-81
; Sequence 81, Application US/10082014
; Publication No. US20030185858A1
; GENERAL INFORMATION:
; APPLICANT: Birkett, Ashley J.
; TITLE OF INVENTION: IMMUNOGENIC HBC CHIMER PARTICLES STABILIZED WITH AN N-TERMINAL CY
; FILE REFERENCE: ICC-130.0 4564/85124
; CURRENT APPLICATION NUMBER: US/10/082,014
; PRIOR FILING DATE: 2002-02-22
; PRIOR APPLICATION NUMBER: 09/930,915
; PRIOR FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 290
; SOFTWARE: Patentln version 3.1
; SEQ ID NO 81
; LENGTH: 42
; TYPE: PRT
; ORGANISM: Alzheimer's disease b-Amyloid
US-10-082-014-81
```

```
Query Match      100.0%; Score 40; DB 14; Length 42;
Best Local Similarity 100.0%; Pred. No. 0.33;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      1 KLVFFAED 8
        |||||
Db      16 KLVFFAED 23
```

```
RESULT 97
US-10-372-076-82
; Sequence 82, Application US/10372076
; Publication No. US20030198645A1
```

```
; GENERAL INFORMATION:
; APPLICANT: Page, Mark
; APPLICANT: Friede, Martin
; TITLE OF INVENTION: STABILIZED HBC CHIMER PARTICLES AS THERAPEUTIC VACCINE FOR
; TITLE OF INVENTION: CHRONIC HEPATITIS
; FILE REFERENCE: 4564/87179
; CURRENT APPLICATION NUMBER: US/10/372,076
; PRIOR FILING DATE: 2003-02-21
; PRIOR APPLICATION NUMBER: 10/080,299
; PRIOR FILING DATE: 2002-02-21
; PRIOR APPLICATION NUMBER: 10/082,014
; PRIOR FILING DATE: 2002-02-22
; NUMBER OF SEQ ID NOS: 308
; SOFTWARE: Patentln version 3.2
; SEQ ID NO 82
; LENGTH: 42
; TYPE: PRT
; ORGANISM: Alzheimer's disease b-Amyloid
US-10-372-076-82
```

```
Query Match      100.0%; Score 40; DB 14; Length 42;
Best Local Similarity 100.0%; Pred. No. 0.33;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      1 KLVFFAED 8
        |||||
Db      16 KLVFFAED 23
```

```
RESULT 98
US-10-231-298B-15
; Sequence 15, Application US/10231298B
; Publication No. US20030219853A1
; GENERAL INFORMATION:
; APPLICANT: Chou, Szu-Yi
; TITLE OF INVENTION: Method of Cross-Linking a Compound
; FILE REFERENCE: SAMG/0006
; CURRENT APPLICATION NUMBER: US/10/231,298B
; PRIOR FILING DATE: 2002-08-28
; PRIOR APPLICATION NUMBER: 60/361,166
; PRIOR FILING DATE: 2002-03-01
; PRIOR APPLICATION NUMBER: 60/363,445
; PRIOR FILING DATE: 2002-03-08
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: Patentln version 3.1
; SEQ ID NO 15
; LENGTH: 42
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-231-298B-15
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```
Query Match      100.0%; Score 40; DB 15; Length 42;
Best Local Similarity 100.0%; Pred. No. 0.33;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      1 KLVFFAED 8
        |||||
Db      16 KLVFFAED 23
```

```
RESULT 99
US-10-231-470C-15
; Sequence 15, Application US/10231470C
; Publication No. US20030219857A1
; GENERAL INFORMATION:
; APPLICANT: Chou, Szu-Yi
; TITLE OF INVENTION: Method Of Producing Transglutaminase Having Broad Substrate
; FILE REFERENCE: SAMG/0003
; CURRENT APPLICATION NUMBER: US/10/231,470C
; PRIOR FILING DATE: 2002-08-28
; PRIOR APPLICATION NUMBER: 60/361,166
; PRIOR FILING DATE: 2002-03-01
```

```

; PRIOR APPLICATION NUMBER: 60/363,445
; PRIOR FILING DATE: 2002-03-08
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 15
; LENGTH: 42
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-231-470C-15

```

```

Query Match      100.0%; Score 40; DB 15; Length 42;
Best Local Similarity 100.0%; Pred. No. 0.33;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY      1 KLVFFAED 8
      |||||
Db      16 KLVFFAED 23

```

```

RESULT 100
US-10-366-125-28
; Sequence 28, Application US/10366125
; Publication No. US20030228259A1
; GENERAL INFORMATION:
; APPLICANT: Hellerstein, Marc
; TITLE OF INVENTION: MEASUREMENT OF BIOSYNTHESIS AND BREAKDOWN RATES OF
; TITLE OF INVENTION: BIOLOGICAL MOLECULES THAT ARE INACCESSIBLE OR NOT
; TITLE OF INVENTION: EASILY ACCESSIBLE TO DIRECT SAMPLING, NON-INVASIVELY,
; TITLE OF INVENTION: BY LABEL INCORPORATION INTO METABOLIC DERIVATIVES AND
; TITLE OF INVENTION: CATABOLITIC PRODUCTS
; FILE REFERENCE: 416272003500
; CURRENT APPLICATION NUMBER: US/10/366,125
; CURRENT FILING DATE: 2003-02-12
; PRIOR APPLICATION NUMBER: US 60/356,008
; PRIOR FILING DATE: 2002-02-12
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 28
; LENGTH: 42
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-366-125-28

```

```

Query Match      100.0%; Score 40; DB 15; Length 42;
Best Local Similarity 100.0%; Pred. No. 0.33;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY      1 KLVFFAED 8
      |||||
Db      16 KLVFFAED 23

```

Search completed: March 18, 2004, 08:03:00  
 Job time : 49 secs

GenCore version 5.1.6  
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OM protein - protein search, using sw model

Run on: March 18, 2004, 07:57:54 ; Search time 35 Seconds

(without alignments)  
59.190 Million cell updates/sec

Title: US-09-668-314C-84  
Perfect score: 41  
Sequence: 1 LVFFAEDF 8

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 1049977 seqs, 258955339 residues

Total number of hits satisfying chosen parameters: 1049977

Minimum DB seq length: 0  
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 1000 summaries

Database : Published Applications AA:\*  
1: /cgn2\_6/ptodata/1/pubpaa/US07\_PUBCOMB.pep:\*  
2: /cgn2\_6/ptodata/1/pubpaa/PCT\_NEW\_PUB.pep:\*  
3: /cgn2\_6/ptodata/1/pubpaa/US06\_NEW\_PUB.pep:\*  
4: /cgn2\_6/ptodata/1/pubpaa/US06\_PUBCOMB.pep:\*  
5: /cgn2\_6/ptodata/1/pubpaa/US07\_NEW\_PUB.pep:\*  
6: /cgn2\_6/ptodata/1/pubpaa/PCTUS\_PUBCOMB.pep:\*  
7: /cgn2\_6/ptodata/1/pubpaa/US08\_NEW\_PUB.pep:\*  
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Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

SUMMARIES

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3	35	85.4	9	14	US-10-235-483-64	Sequence 64, Appli
4	35	85.4	11	9	US-09-988-842-9	Sequence 9, Appli
5	35	85.4	11	9	US-09-988-842-25	Sequence 25, Appli
6	35	85.4	11	14	US-10-235-483-14	Sequence 14, Appli
7	35	85.4	13	14	US-10-281-458-1	Sequence 1, Appli
8	35	85.4	14	9	US-09-992-800-5	Sequence 5, Appli
9	35	85.4	14	9	US-09-992-994-5	Sequence 5, Appli
10	35	85.4	14	15	US-10-385-065-5	Sequence 14, Appli
11	35	85.4	15	9	US-09-972-475-14	Sequence 9, Appli
12	35	85.4	15	9	US-09-996-357-9	Sequence 14, Appli
13	35	85.4	15	14	US-10-235-483-56	Sequence 56, Appli
14	35	85.4	15	14	US-10-235-483-57	Sequence 57, Appli
15	35	85.4	15	14	US-10-235-483-58	Sequence 58, Appli

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17	35	85.4	15	14	US-10-235-483-63	Sequence 63, Appli
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21	35	85.4	17	9	US-09-992-994-3	Sequence 3, Appli
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25	35	85.4	26	10	US-09-792-079-11	Sequence 11, Appli
26	35	85.4	26	14	US-10-159-279-11	Sequence 11, Appli
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238	35	85.4	697	9	US-09-794-748-16	Sequence 16, Appl	311	35	85.4	772	9	US-09-794-748-59	Sequence 59, Appl
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243	35	85.4	697	9	US-09-794-925-20	Sequence 20, Appl	316	35	85.4	772	12	US-10-652-927-59	Sequence 59, Appl
244	35	85.4	697	9	US-09-681-442-16	Sequence 16, Appl	317	35	85.4	772	12	US-10-652-830-59	Sequence 59, Appl
245	35	85.4	697	9	US-09-681-442-18	Sequence 18, Appl	318	35	85.4	1149	15	US-10-427-208-63	Sequence 63, Appl
246	35	85.4	697	9	US-09-681-442-20	Sequence 20, Appl	319	33	80.5	455	15	US-10-369-493-21518	Sequence 21518, A
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248	35	85.4	697	10	US-09-869-414-18	Sequence 18, Appl	321	32	78.0	77	14	US-10-029-386-31405	Sequence 31405, A
249	35	85.4	697	10	US-09-869-414-20	Sequence 20, Appl	322	32	78.0	93	12	US-10-424-599-239906	Sequence 239906, A
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252	35	85.4	697	10	US-09-548-366-20	Sequence 20, Appl	325	32	78.0	171	12	US-10-425-114-71395	Sequence 71395, A
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257	35	85.4	697	12	US-10-652-830-20	Sequence 20, Appl	330	31	75.6	36	14	US-10-106-698-6167	Sequence 6167, Ap
258	35	85.4	697	12	US-09-794-927-57	Sequence 57, Appl	331	31	75.6	42	9	US-09-984-245-289	Sequence 289, App
259	35	85.4	751	9	US-09-795-847-57	Sequence 57, Appl	332	31	75.6	42	10	US-09-966-262-289	Sequence 289, App
260	35	85.4	751	9	US-09-794-743-57	Sequence 57, Appl	333	31	75.6	42	10	US-09-983-966-289	Sequence 289, App
261	35	85.4	751	9	US-09-794-748-57	Sequence 57, Appl	334	31	75.6	42	14	US-10-143-090-289	Sequence 289, App
262	35	85.4	751	9	US-09-794-925-57	Sequence 57, Appl	335	31	75.6	42	14	US-10-217-584-7	Sequence 7, Appl
263	35	85.4	751	9	US-09-681-442-57	Sequence 57, Appl	336	31	75.6	42	14	US-10-217-584-9	Sequence 9, Appl
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269	35	85.4	751	12	US-10-652-830-57	Sequence 57, Appl	342	31	75.6	108	15	US-10-275-025-14	Sequence 14, Appl
270	35	85.4	751	14	US-10-169-580-4	Sequence 4, Appl	343	31	75.6	141	9	US-09-764-870-283	Sequence 283, App
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275	35	85.4	753	9	US-09-794-743-61	Sequence 61, Appl	348	31	75.6	176	15	US-10-004-378A-81	Sequence 10288, A
276	35	85.4	753	9	US-09-794-748-61	Sequence 61, Appl	349	31	75.6	179	14	US-10-156-761-10288	Sequence 294, App
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279	35	85.4	753	10	US-09-869-414-61	Sequence 61, Appl	352	31	75.6	193	10	US-09-983-966-294	Sequence 294, App
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## ALIGNMENTS

RESULT 1  
US-10-235-483-1  
; Sequence 1, Application US/10235483  
; Publication No. US20030087407A1  
; GENERAL INFORMATION:  
; APPLICANT: SOTO-JARA, Claudio  
; BAUMANN, Marc  
; FRANGIONE, Bias  
; TITLE OF INVENTION: PEPTIDES AND PHARMACEUTICAL  
; COMPOSITIONS THEREOF FOR TREATMENT OF DISORDERS OR DISEASES  
; ASSOCIATED WITH PROTEIN FOLDING INTO AMYLOID OR AMYLOID-LIKE  
; DEPOSITS  
; NUMBER OF SEQUENCES: 69  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: BROMDY AND NEIMARK  
; STREET: 419 Seventh Street, N.W., Suite 400  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: USA  
; ZIP: 20004  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: floppy disk  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/10/235,483  
; FILING DATE: 06-Sep-2002  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/766,596  
; FILING DATE: <Unknown>

APPLICATION NUMBER: US 08/630,645  
FILING DATE: 10-APR-1996  
APPLICATION NUMBER: US 08/478,326  
FILING DATE: 06-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: YUN, Allen C.  
REGISTRATION NUMBER: 37,971  
REFERENCE/DOCKET NUMBER: SOTO-JARA=1A  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-628-5197  
TELEFAX: 202-737-3528  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 8 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
SEQUENCE DESCRIPTION: SEQ ID NO: 1:  
US-10-235-483-1

Query Match 85.4%; Score 35; DB 14; Length 8;  
Best Local Similarity 100.0%; Pred. No. 9.5e+05;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 LVFFAED 7  
Db 2 LVFFAED 8

RESULT 2  
US-09-899-815-2  
; Sequence 2, Application US/09899815  
; Patent No. US20020162129A1  
; GENERAL INFORMATION:  
; APPLICANT: LANNFELT, Lars  
; TITLE OF INVENTION: PREVENTION AND TREATMENT OF ALZHEIMER'S DISEASE  
; FILE REFERENCE: LANNFELT-1A  
; CURRENT APPLICATION NUMBER: US/09/899,815  
; PRIOR FILING DATE: 2001-07-09  
; PRIOR APPLICATION NUMBER: US 60/217,098  
; PRIOR FILING DATE: 2000-07-10  
; PRIOR APPLICATION NUMBER: EP 00202387.7  
; PRIOR FILING DATE: 2000-07-07  
; NUMBER OF SEQ ID NOS: 4  
; SOFTWARE: Patentin version 3.1  
; SEQ ID NO 2  
; LENGTH: 9  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: synthetic peptide (16-24 of SEQ ID NO:1)  
US-09-899-815-2

Query Match 85.4%; Score 35; DB 9; Length 9;  
Best Local Similarity 100.0%; Pred. No. 9.5e+05;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 LVFFAED 7  
Db 2 LVFFAED 8

RESULT 3  
US-10-235-483-64  
; Sequence 64, Application US/10235483  
; Publication No. US20030087407A1  
; GENERAL INFORMATION:  
; APPLICANT: SOTO-JARA, Claudio  
; BAUMANN, Marc  
; FRANGIONE, Bias  
; TITLE OF INVENTION: PEPTIDES AND PHARMACEUTICAL  
; COMPOSITIONS THEREOF FOR TREATMENT OF DISORDERS OR DISE

ASSOCIATED WITH PROTEIN FOLDING INTO AMYLOID OR AMYLOID-LIK  
DEPOSITS  
NUMBER OF SEQUENCES: 69  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: BROWDY AND NEIMARK  
STREET: 419 Seventh Street, N.W., Suite 400  
CITY: Washington  
STATE: D.C.  
COUNTRY: USA  
ZIP: 20004  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/235,483  
FILING DATE: 06-Sep-2002  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/766,596  
FILING DATE: <Unknown>  
APPLICATION NUMBER: US 08/630,645  
FILING DATE: 10-APR-1996  
APPLICATION NUMBER: US 08/478,326  
FILING DATE: 06-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: YUN, Allen C.  
REGISTRATION NUMBER: 37,971  
REFERENCE/DOCKET NUMBER: SOTO-JARA=1A  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-628-5197  
TELEFAX: 202-737-3528  
INFORMATION FOR SEQ ID NO: 64:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 9 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
SEQUENCE DESCRIPTION: SEQ ID NO: 64:  
US-10-235-483-64  
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Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
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Db 3 LVFFAED 9  
RESULT 4  
US-09-988-842-9  
Sequence 9, Application US/09988842  
Patent No. US20020143105A1  
GENERAL INFORMATION:  
APPLICANT: Johansson, Jan  
TITLE OF INVENTION: DISCORDANT HELIX STABILIZATION FOR PREVENTION  
FILE REFERENCE: 12125-002001  
CURRENT APPLICATION NUMBER: US/09/988,842  
CURRENT FILING DATE: 2001-11-19  
PRIOR APPLICATION NUMBER: US 60/251,662  
PRIOR FILING DATE: 2000-12-06  
PRIOR APPLICATION NUMBER: US 60/253,695  
PRIOR FILING DATE: 2000-11-20  
NUMBER OF SEQ ID NOS: 26  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 9  
LENGTH: 11  
TYPE: PRT  
ORGANISM: Artificial Sequence

FEATURE:  
OTHER INFORMATION: Synthetically generated peptide  
US-09-988-842-9  
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Best Local Similarity 100.0%; Pred. No. 1.9;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
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Db 3 LVFFAED 9  
RESULT 5  
US-09-988-842-25  
Sequence 25, Application US/09988842  
Patent No. US20020143105A1  
GENERAL INFORMATION:  
APPLICANT: Johansson, Jan  
TITLE OF INVENTION: DISCORDANT HELIX STABILIZATION FOR PREVENTION  
FILE REFERENCE: 12125-002001  
CURRENT APPLICATION NUMBER: US/09/988,842  
CURRENT FILING DATE: 2001-11-19  
PRIOR APPLICATION NUMBER: US 60/251,662  
PRIOR FILING DATE: 2000-12-06  
PRIOR APPLICATION NUMBER: US 60/253,695  
PRIOR FILING DATE: 2000-11-20  
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SOFTWARE: FastSeq for Windows Version 4.0  
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TYPE: PRT  
ORGANISM: Artificial Sequence  
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OTHER INFORMATION: Synthetically generated peptide  
US-09-988-842-25  
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Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
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Db 3 LVFFAED 9  
RESULT 6  
US-10-235-483-14  
Sequence 14, Application US/10235483  
Publication No. US20030087407A1  
GENERAL INFORMATION:  
APPLICANT: SOTO-JARA, Claudio  
BAUMANN, Marc  
FRANGIONE, Blas  
TITLE OF INVENTION: PEPTIDES AND PHARMACEUTICAL  
COMPOSITIONS THEREOF FOR TREATMENT OF DISORDERS OR DISEASE  
ASSOCIATED WITH PROTEIN FOLDING INTO AMYLOID OR AMYLOID-  
DEPOSITS  
NUMBER OF SEQUENCES: 69  
CORRESPONDENCE ADDRESS:  
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STREET: 419 Seventh Street, N.W., Suite 400  
CITY: Washington  
STATE: D.C.  
COUNTRY: USA  
ZIP: 20004  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:



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; APPLICATION NUMBER: US/10/235,483
; FILING DATE: 06-Sep-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/766,596
; FILING DATE: <Unknown>
; APPLICATION NUMBER: US 08/630,645
; FILING DATE: 10-APR-1996
; APPLICATION NUMBER: US 08/478,326
; FILING DATE: 06-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: YUN, Allen C.
; REGISTRATION NUMBER: 37,971
; REFERENCE/DOCKET NUMBER: SOTO-JARA=1A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-628-5197
; TELEFAX: 202-737-3528
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 11 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; SEQUENCE DESCRIPTION: SEQ ID NO: 14:
US-10-235-483-14

```

```

Query Match      85.4%; Score 35; DB 14; Length 11;
Best Local Similarity 100.0%; Pred. No. 1.9;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 1 LVFFAED 7
   |||||
Db 3 LVFFAED 9

```

```

RESULT 7
US-10-281-458-1
; Sequence 1, Application US/10281458
; Publication No. US20030108978A1
; GENERAL INFORMATION:
; APPLICANT: Ciambone, Gary J.
; APPLICANT: Gibbons, Ian
; TITLE OF INVENTION: Whole Cell Assay Systems for Cell
; TITLE OF INVENTION: Surface Proteases
; FILE REFERENCE: 50225-8093.US03
; CURRENT APPLICATION NUMBER: US/10/281,458
; CURRENT FILING DATE: 2002-10-25
; PRIOR APPLICATION NUMBER: US 60/337,641
; PRIOR FILING DATE: 2001-10-25
; PRIOR APPLICATION NUMBER: US 09/924,692
; PRIOR FILING DATE: 2001-08-08
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 13
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-281-458-1

```

```

Query Match      85.4%; Score 35; DB 14; Length 13;
Best Local Similarity 100.0%; Pred. No. 2.2;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 1 LVFFAED 7
   |||||
Db 7 LVFFAED 13

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RESULT 8
US-09-992-800-5
; Sequence 5, Application US/09992800
; Patent No. US20020102261A1

```

```

; GENERAL INFORMATION:
; APPLICANT: Raso, Victor
; TITLE OF INVENTION: IMMUNOLOGICAL CONTROL OF BETA-AMYLOID LEVELS IN VIVO
; FILE REFERENCE: BBRI-2006
; CURRENT APPLICATION NUMBER: US/09/992,800
; CURRENT FILING DATE: 2001-11-06
; PRIOR APPLICATION NUMBER: 09/594,366
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/139,408
; PRIOR FILING DATE: 1999-06-16
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 5
; LENGTH: 14
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-992-800-5

```

```

Query Match      85.4%; Score 35; DB 9; Length 14;
Best Local Similarity 100.0%; Pred. No. 2.4;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1 LVFFAED 7
   |||||
Db 5 LVFFAED 11

```

```

RESULT 9
US-09-992-994-5
; Sequence 5, Application US/09992994
; Patent No. US20020136718A1
; GENERAL INFORMATION:
; APPLICANT: Raso, Victor
; TITLE OF INVENTION: IMMUNOLOGICAL CONTROL OF BETA-AMYLOID LEVELS IN VIVO
; FILE REFERENCE: BBRI-2005
; CURRENT APPLICATION NUMBER: US/09/992,994
; CURRENT FILING DATE: 2001-11-06
; PRIOR APPLICATION NUMBER: 09/594,366
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/139,408
; PRIOR FILING DATE: 1999-06-16
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 5
; LENGTH: 14
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-992-994-5

```

```

Query Match      85.4%; Score 35; DB 9; Length 14;
Best Local Similarity 100.0%; Pred. No. 2.4;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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```

QY 1 LVFFAED 7
   |||||
Db 5 LVFFAED 11

```

```

RESULT 10
US-10-385-065-5
; Sequence 5, Application US/10385065
; Publication No. US20030235897A1
; GENERAL INFORMATION:
; APPLICANT: Raso, Victor
; TITLE OF INVENTION: IMMUNOLOGICAL CONTROL OF BETA-AMYLOID LEVELS IN VIVO
; FILE REFERENCE: BBRI-2004
; CURRENT APPLICATION NUMBER: US/10/385,065
; CURRENT FILING DATE: 2003-03-10
; PRIOR APPLICATION NUMBER: US/09/594,366
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/139,408
; PRIOR FILING DATE: 1999-06-16
; NUMBER OF SEQ ID NOS: 7

```

SOFTWARE: PatentIn Ver. 2.0  
 SEQ ID NO 5  
 LENGTH: 14  
 TYPE: PRT  
 ORGANISM: Homo sapiens  
 US-10-385-065-5

Query Match 85.4%; Score 35; DB 15; Length 14;  
 Best Local Similarity 100.0%; Pred. No. 2.4;  
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7  
 |||||  
 Db 5 LVFFAED 11

RESULT 11  
 US-09-972-475-14  
 Sequence 14, Application US/09972475  
 Patent No. US20020098173A1

GENERAL INFORMATION:  
 APPLICANT: Fideis, Mark A. et al.  
 TITLE OF INVENTION: Modulators of Amyloid Aggregation  
 NUMBER OF SEQUENCES: 45  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: LAHIVE & COCKFIELD, LLP  
 STREET: 28 State Street  
 CITY: Boston  
 STATE: Massachusetts  
 COUNTRY: USA  
 ZIP: 02109-1875  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/972,475  
 FILING DATE: 04-Oct-2001  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/617,267  
 FILING DATE: <Unknown>  
 APPLICATION NUMBER: USSN 08/475,579  
 FILING DATE: 07-JUN-1995  
 APPLICATION NUMBER: USSN 08/548,998  
 FILING DATE: 27-OCT-1995  
 ATTORNEY/AGENT INFORMATION:  
 NAME: DeConti, Gaudio A.  
 REGISTRATION NUMBER: 31,503  
 REFERENCE/DOCKET NUMBER: PPI-002CP2  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (617)227-7400  
 TELEFAX: (617)227-5941  
 INFORMATION FOR SEQ ID NO: 14:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 15 amino acids  
 TYPE: amino acid  
 TOPOLOGY: linear  
 MOLECULE TYPE: peptide  
 FRAGMENT TYPE: internal  
 SEQUENCE DESCRIPTION: SEQ ID NO: 14:  
 US-09-972-475-14

Query Match 85.4%; Score 35; DB 9; Length 15;  
 Best Local Similarity 100.0%; Pred. No. 2.6;  
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7  
 |||||  
 Db 2 LVFFAED 8

RESULT 12

US-09-996-357-9  
 Sequence 9, Application US/09996357  
 Patent No. US20020133001A1  
 GENERAL INFORMATION:  
 APPLICANT: Geffer, Malcolm L  
 APPLICANT: Isreal, David I  
 APPLICANT: Joyal, John L  
 APPLICANT: Gosselin, Michael  
 TITLE OF INVENTION: THERAPEUTIC AGENTS AND METHODS OF USE THEREOF FOR  
 TITLE OF INVENTION: TREATING AN AMYLOIDOTIC DISEASE  
 FILE REFERENCE: PPI-105  
 CURRENT APPLICATION NUMBER: US/09/996,357  
 PRIOR FILING DATE: 2001-11-27  
 PRIOR APPLICATION NUMBER: 60/253,302  
 PRIOR FILING DATE: 2000-11-27  
 PRIOR APPLICATION NUMBER: 60/250,198  
 PRIOR FILING DATE: 2000-11-29  
 PRIOR APPLICATION NUMBER: 60/257,186  
 PRIOR FILING DATE: 2000-12-20  
 NUMBER OF SEQ ID NOS: 13  
 SOFTWARE: PatentIn Ver. 2.0  
 SEQ ID NO 9  
 LENGTH: 15  
 TYPE: PRT  
 ORGANISM: Homo sapiens  
 US-09-996-357-9

Query Match 85.4%; Score 35; DB 9; Length 15;  
 Best Local Similarity 100.0%; Pred. No. 2.6;  
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7  
 |||||  
 Db 2 LVFFAED 8

RESULT 13

US-10-235-483-56  
 Sequence 56, Application US/10235483  
 Publication No. US20030087407A1  
 GENERAL INFORMATION:  
 APPLICANT: SOTO-JARA, Claudio  
 BAUMANN, Marc  
 FRANGIONE, Bias  
 TITLE OF INVENTION: PEPTIDES AND PHARMACEUTICAL  
 COMPOSITIONS THEREOF FOR TREATMENT OF DISORDERS OR DISEASE  
 ASSOCIATED WITH PROTEIN FOLDING INTO AMYLOID OR AMYLOID-  
 DEPOSITS

NUMBER OF SEQUENCES: 69  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: BROWDY AND NEIMARK  
 STREET: 419 Seventh Street, N.W., Suite 400  
 CITY: Washington  
 STATE: D.C.  
 COUNTRY: USA  
 ZIP: 20004  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/10/235,483  
 FILING DATE: 06-Sep-2002  
 CLASSIFICATION: <Unknown>  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US/08/766,596  
 FILING DATE: <Unknown>  
 APPLICATION NUMBER: US 08/630,645  
 FILING DATE: 10-APR-1996  
 APPLICATION NUMBER: US 08/478,326  
 FILING DATE: 06-JUN-1995  
 ATTORNEY/AGENT INFORMATION:

NAME: YUN, Allen C.  
REGISTRATION NUMBER: 37,971  
REFERENCE/DOCKET NUMBER: SOTO-JARA=1A  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-628-5197  
TELEFAX: 202-737-3528  
INFORMATION FOR SEQ ID NO: 56:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
SEQUENCE DESCRIPTION: SEQ ID NO: 56:  
US-10-235-483-56

Query Match 85.4%; Score 35; DB 14; Length 15;  
Best Local Similarity 100.0%; Pred. No. 2.6;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7  
Db 6 LVFFAED 12

RESULT 14  
US-10-235-483-57  
Sequence 57, Application US/10235483  
Publication No. US20030087407A1  
GENERAL INFORMATION:  
APPLICANT: SOTO-JARA, Claudio  
BAUMANN, Marc  
FRANGIONE, Blas  
TITLE OF INVENTION: PEPTIDES AND PHARMACEUTICAL  
COMPOSITIONS THEREOF FOR TREATMENT OF DISORDERS OR DISEASES  
ASSOCIATED WITH PROTEIN FOLDING INTO AMYLOID OR AMYLOID-LIKE  
DEPOSITS  
NUMBER OF SEQUENCES: 69  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: BROWDY AND NEWMARK  
STREET: 419 Seventh Street, N.W., Suite 400  
CITY: Washington  
STATE: D.C.  
COUNTRY: USA  
ZIP: 20004  
COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/235,483  
FILING DATE: 06-Sep-2002  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/766,596  
FILING DATE: <Unknown>  
APPLICATION NUMBER: US 08/630,645  
FILING DATE: 10-APR-1996  
APPLICATION NUMBER: US 08/478,326  
FILING DATE: 06-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: YUN, Allen C.  
REGISTRATION NUMBER: 37,971  
REFERENCE/DOCKET NUMBER: SOTO-JARA=1A  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-737-3528  
TELEFAX: 202-628-5197  
INFORMATION FOR SEQ ID NO: 57:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 amino acids  
TYPE: amino acid  
STRANDEDNESS: single

TOPOLOGY: linear  
MOLECULE TYPE: peptide  
SEQUENCE DESCRIPTION: SEQ ID NO: 57:  
US-10-235-483-57

Query Match 85.4%; Score 35; DB 14; Length 15;  
Best Local Similarity 100.0%; Pred. No. 2.6;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7  
Db 6 LVFFAED 12

RESULT 15  
US-10-235-483-58  
Sequence 58, Application US/10235483  
Publication No. US20030087407A1  
GENERAL INFORMATION:  
APPLICANT: SOTO-JARA, Claudio  
BAUMANN, Marc  
FRANGIONE, Blas  
TITLE OF INVENTION: PEPTIDES AND PHARMACEUTICAL  
COMPOSITIONS THEREOF FOR TREATMENT OF DISORDERS OR DISEASES  
ASSOCIATED WITH PROTEIN FOLDING INTO AMYLOID OR AMYLOID-LIKE  
DEPOSITS  
NUMBER OF SEQUENCES: 69  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: BROWDY AND NEWMARK  
STREET: 419 Seventh Street, N.W., Suite 400  
CITY: Washington  
STATE: D.C.  
COUNTRY: USA  
ZIP: 20004  
COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/235,483  
FILING DATE: 06-Sep-2002  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/766,596  
FILING DATE: <Unknown>  
APPLICATION NUMBER: US 08/630,645  
FILING DATE: 10-APR-1996  
APPLICATION NUMBER: US 08/478,326  
FILING DATE: 06-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: YUN, Allen C.  
REGISTRATION NUMBER: 37,971  
REFERENCE/DOCKET NUMBER: SOTO-JARA=1A  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-737-3528  
TELEFAX: 202-628-5197  
INFORMATION FOR SEQ ID NO: 58:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
SEQUENCE DESCRIPTION: SEQ ID NO: 58:  
US-10-235-483-58

Query Match 85.4%; Score 35; DB 14; Length 15;  
Best Local Similarity 100.0%; Pred. No. 2.6;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7  
Db 6 LVFFAED 12

Db 6 LVFFAED 12

RESULT 16  
US-10-235-483-59  
; Sequence 59, Application US/10235483  
; Publication No. US20030087407A1  
; GENERAL INFORMATION:  
; APPLICANT: SOTO-JARA, Claudio  
; BAUMANN, Marc  
; FRANGIONE, Blas  
; TITLE OF INVENTION: PEPTIDES AND PHARMACEUTICAL  
; COMPOSITIONS THEREOF FOR TREATMENT OF DISORDERS OR DISEASES  
; ASSOCIATED WITH PROTEIN FOLDING INTO AMYLOID OR AMYLOID-LIKE  
; DEPOSITS  
; NUMBER OF SEQUENCES: 69  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: BROWDY AND NEIMARK  
; STREET: 419 Seventh Street, N.W., Suite 400  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: USA  
; ZIP: 20004  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/10/235,483  
; FILING DATE: 06-Sep-2002  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/766,596  
; FILING DATE: <Unknown>  
; APPLICATION NUMBER: US 08/630,645  
; FILING DATE: 10-APR-1996  
; APPLICATION NUMBER: US 08/478,326  
; FILING DATE: 06-JUN-1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: YUN, Allen C.  
; REGISTRATION NUMBER: 37,971  
; REFERENCE/DOCKET NUMBER: SOTO-JARA=1A  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 202-628-5197  
; TELEFAX: 202-737-3528  
; INFORMATION FOR SEQ ID NO: 59:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 15 amino acids  
; TYPE: amino acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: peptide  
; SEQUENCE DESCRIPTION: SEQ ID NO: 59:  
US-10-235-483-59

Query Match 85.4%; Score 35; DB 14; Length 15;  
Best Local Similarity 100.0%; Pred. No. 2.6;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7  
|||  
Db 6 LVFFAED 12

RESULT 17  
US-10-235-483-63  
; Sequence 63, Application US/10235483  
; Publication No. US20030087407A1  
; GENERAL INFORMATION:  
; APPLICANT: SOTO-JARA, Claudio  
; BAUMANN, Marc  
; FRANGIONE, Blas

; TITLE OF INVENTION: PEPTIDES AND PHARMACEUTICAL  
; COMPOSITIONS THEREOF FOR TREATMENT OF DISORDERS OR DISEASES  
; ASSOCIATED WITH PROTEIN FOLDING INTO AMYLOID OR AMYLOID-LIKE  
; DEPOSITS  
; NUMBER OF SEQUENCES: 69  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: BROWDY AND NEIMARK  
; STREET: 419 Seventh Street, N.W., Suite 400  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: USA  
; ZIP: 20004  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/10/235,483  
; FILING DATE: 06-Sep-2002  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/766,596  
; FILING DATE: <Unknown>  
; APPLICATION NUMBER: US 08/630,645  
; FILING DATE: 10-APR-1996  
; APPLICATION NUMBER: US 08/478,326  
; FILING DATE: 06-JUN-1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: YUN, Allen C.  
; REGISTRATION NUMBER: 37,971  
; REFERENCE/DOCKET NUMBER: SOTO-JARA=1A  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 202-628-5197  
; TELEFAX: 202-737-3528  
; INFORMATION FOR SEQ ID NO: 63:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 15 amino acids  
; TYPE: amino acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: peptide  
; SEQUENCE DESCRIPTION: SEQ ID NO: 63:  
US-10-235-483-63

Query Match 85.4%; Score 35; DB 14; Length 15;  
Best Local Similarity 100.0%; Pred. No. 2.6;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7  
|||  
Db 6 LVFFAED 12

RESULT 18  
US-10-235-483-65  
; Sequence 65, Application US/10235483  
; Publication No. US20030087407A1  
; GENERAL INFORMATION:  
; APPLICANT: SOTO-JARA, Claudio  
; BAUMANN, Marc  
; FRANGIONE, Blas  
; TITLE OF INVENTION: PEPTIDES AND PHARMACEUTICAL  
; COMPOSITIONS THEREOF FOR TREATMENT OF DISORDERS OR DISEASES  
; ASSOCIATED WITH PROTEIN FOLDING INTO AMYLOID OR AMYLOID-LIKE  
; DEPOSITS  
; NUMBER OF SEQUENCES: 69  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: BROWDY AND NEIMARK  
; STREET: 419 Seventh Street, N.W., Suite 400  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: USA



ZIP: 20004  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/235,483  
FILING DATE: 06-Sep-2002  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/766,596  
FILING DATE: <Unknown>  
APPLICATION NUMBER: US 08/630,645  
FILING DATE: 10-APR-1996  
APPLICATION NUMBER: US 08/478,326  
FILING DATE: 06-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: YUN, Allen C.  
REGISTRATION NUMBER: 37,971  
REFERENCE/DOCKET NUMBER: SOTO-JARA=1A  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-628-5197  
TELEFAX: 202-737-3528  
INFORMATION FOR SEQ ID NO: 65:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
SEQUENCE DESCRIPTION: SEQ ID NO: 65:  
US-10-235-483-65  
Query Match 85.4%; Score 35; DB 14; Length 15;  
Best Local Similarity 100.0%; Pred. No. 2.6;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 LVFFAED 7  
DB 6 LVFFAED 12  
RESULT 19  
US-10-463-729-14  
Sequence 14, Application US/10463729  
Publication No. US20040005307A1  
GENERAL INFORMATION:  
APPLICANT: Findeis, Mark A. et al.  
TITLE OF INVENTION: Modulators of Amyloid Aggregation  
NUMBER OF SEQUENCES: 45  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: LAHIVE & COCKFIELD, LLP  
STREET: 28 State Street  
CITY: Boston  
STATE: Massachusetts  
COUNTRY: USA  
ZIP: 02109-1875  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/463,729  
FILING DATE: 17-JUNE-2003  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/617,267C  
FILING DATE: 14-MAR-1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: USSN 08/404,831  
FILING DATE: 14-MAR-1995  
PRIOR APPLICATION DATA:

APPLICATION NUMBER: USSN 08/475,579  
FILING DATE: 07-JUN-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: USSN 08/548,998  
FILING DATE: 27-OCT-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: DeConti, Giulio A.  
REGISTRATION NUMBER: 31,503  
REFERENCE/DOCKET NUMBER: PPI-002CP2  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (617)227-7400  
TELEFAX: (617)227-5941  
INFORMATION FOR SEQ ID NO: 14:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
FRAGMENT TYPE: internal  
US-10-463-729-14

Query Match 85.4%; Score 35; DB 15; Length 15;  
Best Local Similarity 100.0%; Pred. No. 2.6;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 LVFFAED 7  
DB 2 LVFFAED 8

RESULT 20  
US-09-992-800-3  
Sequence 3, Application US/09992800  
Patent No. US20020102261A1  
GENERAL INFORMATION:  
APPLICANT: Raso, Victor  
TITLE OF INVENTION: IMMUNOLOGICAL CONTROL OF BETA-AMYLOID LEVELS IN VIVO  
FILE REFERENCE: BBRI-2006  
CURRENT APPLICATION NUMBER: US/09/992,800  
PRIOR FILING DATE: 2001-11-06  
PRIOR APPLICATION NUMBER: 09/594,366  
PRIOR FILING DATE: 2000-06-15  
PRIOR APPLICATION NUMBER: 60/139,408  
NUMBER OF SEQ ID NOS: 7  
SOFTWARE: Patentin Ver. 2.0  
SEQ ID NO 3  
LENGTH: 17  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-09-992-800-3

Query Match 85.4%; Score 35; DB 9; Length 17;  
Best Local Similarity 100.0%; Pred. No. 2.9;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7  
DB 9 LVFFAED 15

RESULT 21  
US-09-992-994-3  
Sequence 3, Application US/09992994  
Patent No. US20020136718A1  
GENERAL INFORMATION:  
APPLICANT: Raso, Victor  
TITLE OF INVENTION: IMMUNOLOGICAL CONTROL OF BETA-AMYLOID LEVELS IN VIVO  
FILE REFERENCE: BBRI-2005  
CURRENT APPLICATION NUMBER: US/09/992,994  
PRIOR FILING DATE: 2001-11-06  
PRIOR APPLICATION NUMBER: 09/594,366  
PRIOR FILING DATE: 2000-06-15

; PRIOR APPLICATION NUMBER: 60/139,408  
; PRIOR FILING DATE: 1999-06-16  
; NUMBER OF SEQ ID NOS: 7  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 3  
; LENGTH: 17  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-992-994-3

Query Match 85.4%; Score 35; DB 9; Length 17;  
Best Local Similarity 100.0%; Pred. No. 2.9;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7  
|||  
Db 9 LVFFAED 15

## RESULT 22

US-09-998-491-8  
; Sequence 8, Application US/09998491  
; Publication No. US2003016529A1  
; GENERAL INFORMATION:  
; APPLICANT: Mileusnic, Radmilla  
; APPLICANT: Rose, Stephen Peter Russell  
; TITLE OF INVENTION: Polypeptides and their uses  
; FILE REFERENCE: 3578-120  
; CURRENT APPLICATION NUMBER: US/09/998,491  
; CURRENT FILING DATE: 2001-11-30  
; PRIOR APPLICATION NUMBER: GB 0109558.7  
; PRIOR FILING DATE: 2001-04-18  
; PRIOR APPLICATION NUMBER: GB 0120084  
; PRIOR FILING DATE: 2001-08-07  
; NUMBER OF SEQ ID NOS: 11  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 8  
; LENGTH: 17  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: 17-mer polypeptide  
US-09-998-491-8

Query Match 85.4%; Score 35; DB 10; Length 17;  
Best Local Similarity 100.0%; Pred. No. 2.9;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7  
|||  
Db 6 LVFFAED 12

## RESULT 23

US-10-385-065-3  
; Sequence 3, Application US/10385065  
; Publication No. US20030235897A1  
; GENERAL INFORMATION:  
; APPLICANT: Raso, Victor  
; TITLE OF INVENTION: IMMUNOLOGICAL CONTROL OF BETA-AMYLOID LEVELS IN VIVO  
; FILE REFERENCE: BBRI-2004  
; CURRENT APPLICATION NUMBER: US/10/385,065  
; CURRENT FILING DATE: 2003-03-10  
; PRIOR APPLICATION NUMBER: US/09/594,366  
; PRIOR FILING DATE: 2000-06-15  
; PRIOR APPLICATION NUMBER: 60/139,408  
; PRIOR FILING DATE: 1999-06-16  
; NUMBER OF SEQ ID NOS: 7  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 3  
; LENGTH: 17  
; TYPE: PRT  
; ORGANISM: Homo sapiens

US-10-385-065-3

Query Match 85.4%; Score 35; DB 15; Length 17;  
Best Local Similarity 100.0%; Pred. No. 2.9;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7  
|||  
Db 9 LVFFAED 15

## RESULT 24

US-09-825-242-5  
; Sequence 5, Application US/09825242  
; Publication No. US20030092000A1  
; GENERAL INFORMATION:  
; APPLICANT: Schenk, Dale B.  
; APPLICANT: Neuralab Limited  
; TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease  
; FILE REFERENCE: 152707-004720US  
; CURRENT APPLICATION NUMBER: US/09/825,242  
; CURRENT FILING DATE: 2001-04-02  
; PRIOR APPLICATION NUMBER: 09/201,430  
; PRIOR FILING DATE: 1998-11-30  
; PRIOR APPLICATION NUMBER: US 60/080,970  
; PRIOR FILING DATE: 1998-04-07  
; NUMBER OF SEQ ID NOS: 5  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 5  
; LENGTH: 19  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Abeta13-28  
; OTHER INFORMATION: peptide with carboxyl terminal Cys residue  
; OTHER INFORMATION: inserted and two added Gly residues  
; NAME/KEY: MOD\_RES  
; LOCATION: (1)  
; OTHER INFORMATION: Xaa = acetyl histidine  
US-09-825-242-5

Query Match 85.4%; Score 35; DB 10; Length 19;  
Best Local Similarity 100.0%; Pred. No. 3.3;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7  
|||  
Db 5 LVFFAED 11

## RESULT 25

US-09-792-079-11  
; Sequence 11, Application US/09792079  
; Publication No. US20030083277A1  
; GENERAL INFORMATION:  
; APPLICANT: University of Kentucky Research Foundation  
; APPLICANT: Hersh, Louis B.  
; TITLE OF INVENTION: Use Of Insulin Degrading Enzyme (IDE) For The Treatment Of Al:  
; FILE REFERENCE: 050229-0261  
; CURRENT APPLICATION NUMBER: US/09/792,079  
; CURRENT FILING DATE: 2001-02-26  
; PRIOR APPLICATION NUMBER: 60/184,826  
; PRIOR FILING DATE: 2000-02-24  
; NUMBER OF SEQ ID NOS: 13  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 11  
; LENGTH: 26  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-792-079-11

Query Match 85.4%; Score 35; DB 10; Length 26;  
Best Local Similarity 100.0%; Pred. No. 4.6;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7  
| | | | |  
Db 3 LVFFAED 9

## RESULT 26

US-10-159-279-11  
; Sequence 11, Application US/10159279  
; Publication No. US20030165481A1  
; GENERAL INFORMATION:  
; APPLICANT: University of Kentucky Research Foundation  
; APPLICANT: Herish, Louis B.  
; APPLICANT: Mukherjee, Atish  
; TITLE OF INVENTION: Use Of Insulin Degrading Enzyme (IDE) For The Treatment Of Alzhei  
; FILE REFERENCE: 050229-0298  
; CURRENT APPLICATION NUMBER: US/10/159,279  
; CURRENT FILING DATE: 2002-06-03  
; PRIOR APPLICATION NUMBER: 60/184,826  
; PRIOR FILING DATE: 2000-02-24  
; PRIOR APPLICATION NUMBER: 09/792,079  
; PRIOR FILING DATE: 2001-02-26  
; NUMBER OF SEQ ID NOS: 13  
; SOFTWARE: Patentin version 3.1  
; SEQ ID NO 11  
; LENGTH: 26  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-159-279-11

Query Match 85.4%; Score 35; DB 14; Length 26;  
Best Local Similarity 100.0%; Pred. No. 4.6;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7  
| | | | |  
Db 3 LVFFAED 9

## RESULT 27

US-09-867-847-4  
; Sequence 4, Application US/09867847  
; Patent No. US20020094335A1  
; GENERAL INFORMATION:  
; APPLICANT: Chalfour, Robert  
; APPLICANT: Hebert, Lise  
; APPLICANT: Kong, Xiangi  
; APPLICANT: Gervais, Francine  
; TITLE OF INVENTION: VACCINE FOR THE PREVENTION AND TREATMENT OF ALZHEIMER'S  
; TITLE OF INVENTION: AND AMYLOID RELATED DISEASES  
; FILE REFERENCE: 14445-501 CIP  
; CURRENT APPLICATION NUMBER: US/09/867,847  
; CURRENT FILING DATE: 2001-09-20  
; PRIOR APPLICATION NUMBER: 60/168,594  
; PRIOR FILING DATE: 1999-11-29  
; PRIOR APPLICATION NUMBER: 09/724,842  
; PRIOR FILING DATE: 2000-11-28  
; NUMBER OF SEQ ID NOS: 65  
; SOFTWARE: Patentin Ver. 2.1  
; SEQ ID NO 4  
; LENGTH: 28  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: All D peptides  
; OTHER INFORMATION: or peptidomimetics  
US-09-867-847-4

Query Match 85.4%; Score 35; DB 9; Length 28;

Best Local Similarity 100.0%; Pred. No. 4.9;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7  
| | | | |  
Db 17 LVFFAED 23

## RESULT 28

US-09-865-294-66  
; Sequence 66, Application US/09865294  
; Publication No. US20030068325A1  
; GENERAL INFORMATION:  
; APPLICANT: Wang, Chang Yi  
; TITLE OF INVENTION: Immunogenic peptide composition as vaccines for the  
; TITLE OF INVENTION: prevention and treatment of Alzheimer's Disease  
; FILE REFERENCE: 1151-4167  
; CURRENT APPLICATION NUMBER: US/09/865,294  
; CURRENT FILING DATE: 2001-05-25  
; NUMBER OF SEQ ID NOS: 76  
; SOFTWARE: Patentin Ver. 2.0  
; SEQ ID NO 66  
; LENGTH: 28  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-865-294-66

Query Match 85.4%; Score 35; DB 10; Length 28;  
Best Local Similarity 100.0%; Pred. No. 4.9;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7  
| | | | |  
Db 17 LVFFAED 23

## RESULT 29

US-09-792-079-5  
; Sequence 5, Application US/09792079  
; Publication No. US20030083277A1  
; GENERAL INFORMATION:  
; APPLICANT: University of Kentucky Research Foundation  
; APPLICANT: Herish, Louis B.  
; APPLICANT: Mukherjee, Atish  
; TITLE OF INVENTION: Use Of Insulin Degrading Enzyme (IDE) For The Treatment Of Al  
; TITLE OF INVENTION: Disease Patients  
; FILE REFERENCE: 050229-0261  
; CURRENT APPLICATION NUMBER: US/09/792,079  
; CURRENT FILING DATE: 2001-02-26  
; PRIOR APPLICATION NUMBER: 60/184,826  
; PRIOR FILING DATE: 2000-02-24  
; NUMBER OF SEQ ID NOS: 13  
; SOFTWARE: Patentin version 3.1  
; SEQ ID NO 5  
; LENGTH: 28  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-792-079-5

Query Match 85.4%; Score 35; DB 10; Length 28;  
Best Local Similarity 100.0%; Pred. No. 4.9;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7  
| | | | |  
Db 17 LVFFAED 23

## RESULT 30

US-10-363-082-2  
; Sequence 2, Application US/10363082  
; Publication No. US20040029279A1  
; GENERAL INFORMATION:

APPLICANT: American Cyanamid Company  
TITLE OF INVENTION: Packaging of positive-strand RNA virus replicon  
FILE REFERENCE: 01142-0200-00304  
CURRENT FILING DATE: 2003-02-27  
PRIOR APPLICATION NUMBER: 60/228,906  
NUMBER OF SEQ ID NOS: 3  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 2  
LENGTH: 28  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-10-363-082-2

Query Match 85.4%; Score 35; DB 12; Length 28;  
Best Local Similarity 100.0%; Pred. No. 4.9;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7  
|||  
Db 17 LVFFAED 23

RESULT 31  
US-10-159-279-5  
Sequence 5, Application US/10159279  
Publication No. US20030165481A1  
GENERAL INFORMATION:  
APPLICANT: University of Kentucky Research Foundation  
APPLICANT: Hersh, Louis B.  
APPLICANT: Mukherjee, Atish  
TITLE OF INVENTION: Use Of Insulin Degrading Enzyme (IDE) For The Treatment Of Alzhei  
FILE REFERENCE: 050229-0298  
CURRENT APPLICATION NUMBER: US/10/159,279  
CURRENT FILING DATE: 2002-06-03  
PRIOR APPLICATION NUMBER: 60/184,826  
PRIOR FILING DATE: 2000-02-24  
PRIOR APPLICATION NUMBER: 09/792,079  
NUMBER OF SEQ ID NOS: 13  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 5  
LENGTH: 28  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-10-159-279-5

Query Match 85.4%; Score 35; DB 14; Length 28;  
Best Local Similarity 100.0%; Pred. No. 4.9;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7  
|||  
Db 17 LVFFAED 23

RESULT 32  
US-09-861-847-1  
Sequence 1, Application US/09861847  
Patent No. US20020077288A1  
GENERAL INFORMATION:  
APPLICANT: FRANGIONE, Blas  
APPLICANT: WISNIEWSKI, Thomas  
TITLE OF INVENTION: SYNTHETIC IMMUNOGENIC BUT NON-AMYLOIDOGENIC PEPTIDES HOMOLOGOUS T  
TITLE OF INVENTION: AMYLOID BETA FOR INDUCTION OF AN IMMUNE RESPONSE TO AMYLOID BETA  
FILE REFERENCE: FRANGIONE=2A  
CURRENT APPLICATION NUMBER: US/09/861,847  
CURRENT FILING DATE: 2001-05-22

PRIOR APPLICATION NUMBER: 60/016,233  
PRIOR FILING DATE: 2000-05-22  
NUMBER OF SEQ ID NOS: 14  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 1  
LENGTH: 30  
TYPE: PRT  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic  
US-09-861-847-1

Query Match 85.4%; Score 35; DB 9; Length 30;  
Best Local Similarity 100.0%; Pred. No. 5.3;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7  
|||  
Db 17 LVFFAED 23

RESULT 33  
US-10-666-423-1  
Sequence 1, Application US/10666423  
Publication No. US20040043935A1  
GENERAL INFORMATION:  
APPLICANT: FRANGIONE, Blas  
APPLICANT: WISNIEWSKI, Thomas  
APPLICANT: SIGURDSSON, Einar  
TITLE OF INVENTION: SYNTHETIC IMMUNOGENIC BUT NON-AMYLOIDOGENIC PEPTIDES  
TITLE OF INVENTION: HOMOLOGOUS TO AMYLOID BETA FOR INDUCTION OF AN IMMUNE  
FILE REFERENCE: 5986/1K433-US1  
CURRENT APPLICATION NUMBER: US/10/666,423  
CURRENT FILING DATE: 2003-09-19  
PRIOR APPLICATION NUMBER: US/09/861,847A  
PRIOR FILING DATE: 2001-05-22  
PRIOR APPLICATION NUMBER: 60/016,233  
PRIOR FILING DATE: 2000-05-22  
NUMBER OF SEQ ID NOS: 15  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 1  
LENGTH: 30  
TYPE: PRT  
ORGANISM: Artificial  
FEATURE:  
OTHER INFORMATION: Synthetic  
US-10-666-423-1

Query Match 85.4%; Score 35; DB 12; Length 30;  
Best Local Similarity 100.0%; Pred. No. 5.3;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7  
|||  
Db 17 LVFFAED 23

RESULT 34  
US-10-301-488A-1  
Sequence 1, Application US/10301488A  
Publication No. US2003016558A1  
GENERAL INFORMATION:  
APPLICANT: FRANGIONE, Blas  
APPLICANT: WISNIEWSKI, Thomas  
APPLICANT: SIGURDSSON, Einar  
TITLE OF INVENTION: SYNTHETIC IMMUNOGENIC BUT NON-DEPOSIT-FORMING POLYPEPTIDES ANT  
TITLE OF INVENTION: PEPTIDES HOMOLOGOUS TO AMYLOID BETA, PRION PROTEIN, AMYLIN,  
TITLE OF INVENTION: ALPHA-SYNUCLEIN, OR POLYGLUTAMINE REPEATS FOR INDUCTION OF AN  
FILE REFERENCE: 5986/1K434US1  
CURRENT APPLICATION NUMBER: US/10/301,488A  
CURRENT FILING DATE: 2002-11-21



; PRIOR APPLICATION NUMBER: US 60/331,801  
; PRIOR FILING DATE: 2001-11-21  
; NUMBER OF SEQ ID NOS: 55  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 1  
; LENGTH: 30  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic  
US-10-301-488A-1

Query Match 85.4%; Score 35; DB 14; Length 30;  
Best Local Similarity 100.0%; Pred. No. 5.3;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7  
|||  
Db 17 LVFFAED 23

RESULT 35  
US-09-930-915A-295  
; Sequence 295, Application US/09930915A  
; Publication No. US20030138769A1  
; GENERAL INFORMATION:  
; APPLICANT: Birkett, Ashley J.  
; TITLE OF INVENTION: IMMUNOGENIC HBC CHIMER PARTICLES HAVING ENHANCED  
; FILE REFERENCE: 4564/83501 ICC-102.2 PCT  
; CURRENT APPLICATION NUMBER: US/09/930,915A  
; PRIOR FILING DATE: 2001-08-15  
; PRIOR APPLICATION NUMBER: 60/226,867  
; PRIOR FILING DATE: 2000-08-22  
; PRIOR APPLICATION NUMBER: 60/225,843  
; PRIOR FILING DATE: 2000-08-16  
; NUMBER OF SEQ ID NOS: 313  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 295  
; LENGTH: 33  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-930-915A-295

Query Match 85.4%; Score 35; DB 10; Length 33;  
Best Local Similarity 100.0%; Pred. No. 5.8;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7  
|||  
Db 17 LVFFAED 23

RESULT 36  
US-10-082-014-84  
; Sequence 84, Application US/10082014  
; Publication No. US20030185858A1  
; GENERAL INFORMATION:  
; APPLICANT: Birkett, Ashley J.  
; TITLE OF INVENTION: IMMUNOGENIC HBC CHIMER PARTICLES STABILIZED WITH AN N-TERMINAL CY  
; FILE REFERENCE: ICC-130.0 4564/85124  
; CURRENT APPLICATION NUMBER: US/10/082,014  
; PRIOR FILING DATE: 2002-02-22  
; PRIOR APPLICATION NUMBER: 09/930,915  
; PRIOR FILING DATE: 2001-08-15  
; NUMBER OF SEQ ID NOS: 290  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 84  
; LENGTH: 33  
; TYPE: PRT  
; ORGANISM: Alzheimer's disease b-Amyloid  
US-10-082-014-84

Query Match 85.4%; Score 35; DB 14; Length 33;  
Best Local Similarity 100.0%; Pred. No. 5.8;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7  
|||  
Db 17 LVFFAED 23

RESULT 37  
US-10-372-076-85  
; Sequence 85, Application US/10372076  
; Publication No. US20030198645A1  
; GENERAL INFORMATION:  
; APPLICANT: Page, Mark  
; APPLICANT: Friede, Martin  
; TITLE OF INVENTION: STABILIZED HBC CHIMER PARTICLES AS THERAPEUTIC VACCINE FOR  
; FILE REFERENCE: 4564/87179  
; CURRENT APPLICATION NUMBER: US/10/372,076  
; PRIOR FILING DATE: 2003-02-21  
; PRIOR APPLICATION NUMBER: 10/080,299  
; PRIOR FILING DATE: 2002-02-21  
; PRIOR APPLICATION NUMBER: 10/082,014  
; PRIOR FILING DATE: 2002-02-22  
; NUMBER OF SEQ ID NOS: 308  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 85  
; LENGTH: 33  
; TYPE: PRT  
; ORGANISM: Alzheimer's disease b-Amyloid  
US-10-372-076-85

Query Match 85.4%; Score 35; DB 14; Length 33;  
Best Local Similarity 100.0%; Pred. No. 5.8;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7  
|||  
Db 17 LVFFAED 23

RESULT 38  
US-09-867-847-3  
; Sequence 3, Application US/09867847  
; Patent No. US20020094335A1  
; GENERAL INFORMATION:  
; APPLICANT: Chalfour, Robert  
; APPLICANT: Hebert, Lise  
; APPLICANT: Kong, Xiangl  
; APPLICANT: Gervais, Francine  
; TITLE OF INVENTION: VACCINE FOR THE PREVENTION AND TREATMENT OF ALZHEIMER'S  
; FILE REFERENCE: 14445-501 CIP  
; CURRENT APPLICATION NUMBER: US/09/867,847  
; PRIOR FILING DATE: 2001-09-20  
; PRIOR APPLICATION NUMBER: 60/168,594  
; PRIOR FILING DATE: 1999-11-29  
; PRIOR APPLICATION NUMBER: 09/724,842  
; PRIOR FILING DATE: 2000-11-28  
; NUMBER OF SEQ ID NOS: 65  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 3  
; LENGTH: 35  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: All D peptides  
; OTHER INFORMATION: or peptidomimetics  
US-09-867-847-3

Query Match 85.4%; Score 35; DB 9; Length 35;  
Best Local Similarity 100.0%; Pred. No. 6.2;

Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7  
| | | | |  
Db 17 LVFFAED 23

## RESULT 39

US-09-972-475-16

; Sequence 16, Application US/09972475  
; Patent No. US20020098173A1

; GENERAL INFORMATION:

; APPLICANT: Findeis, Mark A. et al.

; TITLE OF INVENTION: Modulators of Amyloid Aggregation

; NUMBER OF SEQUENCES: 45

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: LAHIVE &amp; COCKFIELD, LLP

; STREET: 28 State Street

; CITY: Boston

; STATE: Massachusetts

; COUNTRY: USA

; ZIP: 02109-1875

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/972,475

; FILING DATE: 04-Oct-2001

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/617,267

; FILING DATE: &lt;Unknown&gt;

; APPLICATION NUMBER: USSN 08/475,579

; FILING DATE: 07-JUN-1995

; APPLICATION NUMBER: USSN 08/548,998

; FILING DATE: 27-OCT-1995

; ATTORNEY/AGENT INFORMATION:

; NAME: DeConti, Giulio A.

; REGISTRATION NUMBER: 31,503

; REFERENCE/DOCKET NUMBER: PPI-002CP2

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (617)227-7400

; TELEFAX: (617)227-5941

; INFORMATION FOR SEQ ID NO: 16:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 35 amino acids

; TYPE: amino acid

; TOPOLOGY: linear

; MOLECULE TYPE: peptide

; FRAGMENT TYPE: internal

; SEQUENCE DESCRIPTION: SEQ ID NO: 16:

US-09-972-475-16

Query Match 85.4%; Score 35; DB 9; Length 35;  
Best Local Similarity 100.0%; Pred. No. 6.2;

Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7  
| | | | |  
Db 12 LVFFAED 18

## RESULT 40

US-10-463-729-16

; Sequence 16, Application US/10463729  
; Publication No. US20040005307A1

; GENERAL INFORMATION:

; APPLICANT: Findeis, Mark A. et al.

; TITLE OF INVENTION: Modulators of Amyloid Aggregation

; NUMBER OF SEQUENCES: 45

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: LAHIVE &amp; COCKFIELD, LLP

; STREET: 28 State Street

; CITY: Boston

; STATE: Massachusetts

; COUNTRY: USA

; ZIP: 02109-1875

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/10/463,729

; FILING DATE: 17-JUNE-2003

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US/08/617,267C

; FILING DATE: 14-MAR-1996

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: USSN 08/404,831

; FILING DATE: 14-MAR-1995

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: USSN 08/475,579

; FILING DATE: 07-JUN-1995

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: USSN 08/548,998

; FILING DATE: 27-OCT-1995

; ATTORNEY/AGENT INFORMATION:

; NAME: DeConti, Giulio A.

; REGISTRATION NUMBER: 31,503

; REFERENCE/DOCKET NUMBER: PPI-002CP2

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (617)227-7400

; TELEFAX: (617)227-5941

; INFORMATION FOR SEQ ID NO: 16:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 35 amino acids

; TYPE: amino acid

; TOPOLOGY: linear

; MOLECULE TYPE: peptide

; FRAGMENT TYPE: internal

US-10-463-729-16

Query Match 85.4%; Score 35; DB 15; Length 35;  
Best Local Similarity 100.0%; Pred. No. 6.2;

Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7  
| | | | |  
Db 12 LVFFAED 18

## RESULT 41

US-09-861-847-6

; Sequence 6, Application US/09861847  
; Patent No. US20020077288A1

; GENERAL INFORMATION:

; APPLICANT: FRANGIONE, Bias

; APPLICANT: WISNIEWSKI, Thomas

; APPLICANT: SIGURDSSON, Einar

; TITLE OF INVENTION: SYNTHETIC IMMUNOGENIC BUT NON-AMYLOIDGENIC PEPTIDES HOMOLOGU

; TITLE OF INVENTION: AMYLOID BETA FOR INDUCTION OF AN IMMUNE RESPONSE TO AMYLOID B

; FILE REFERENCE: FRANGIONE=2A

; CURRENT APPLICATION NUMBER: US/09/861,847

; PRIOR FILING DATE: 2001-05-22

; PRIOR APPLICATION NUMBER: 60/016,233

; NUMBER OF SEQ ID NOS: 14

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 6

; LENGTH: 36

; TYPE: PRT

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Synthetic  
; NAME/KEY: misc feature  
; OTHER INFORMATION: C-terminal residue 36 may be amidated.  
US-09-861-847-6

Query Match  
Best Local Similarity 85.4%; Score 35; DB 9; Length 36;  
Best Local Similarity 100.0%; Pred. No. 6.4;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7  
| | | | |  
Db 23 LVFFAED 29

RESULT 42  
US-09-861-847-11

; Sequence 11, Application US/09861847  
; Patent No. US20020077288A1  
; GENERAL INFORMATION:

; APPLICANT: FRANGIONE, Blas  
; APPLICANT: WISNIEWSKI, Thomas

; APPLICANT: SIGURDSSON, Einar  
; TITLE OF INVENTION: SYNTHETIC IMMUNOGENIC BUT NON-AMYLOIDOGENIC PEPTIDES

; TITLE OF INVENTION: AMYLOID BETA FOR INDUCTION OF AN IMMUNE RESPONSE TO AMYLOID BETA  
; TITLE OF INVENTION: AMYLOID DEPOSITS  
; FILE REFERENCE: FRANGIONE=2A

; CURRENT APPLICATION NUMBER: US/09/861,847  
; CURRENT FILING DATE: 2001-05-22

; PRIOR APPLICATION NUMBER: 60/016,233  
; PRIOR FILING DATE: 2000-05-22

; NUMBER OF SEQ ID NOS: 14  
; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 11  
; LENGTH: 36

; TYPE: PRT  
; ORGANISM: Artificial Sequence

; FEATURE:  
; OTHER INFORMATION: Synthetic

US-09-861-847-11

Query Match  
Best Local Similarity 85.4%; Score 35; DB 9; Length 36;  
Best Local Similarity 100.0%; Pred. No. 6.4;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7  
| | | | |  
Db 17 LVFFAED 23

RESULT 43  
US-10-666-423-6

; Sequence 6, Application US/10666423  
; Publication No. US20040043935A1  
; GENERAL INFORMATION:

; APPLICANT: FRANGIONE, Blas  
; APPLICANT: WISNIEWSKI, Thomas

; APPLICANT: SIGURDSSON, Einar  
; TITLE OF INVENTION: SYNTHETIC IMMUNOGENIC BUT NON-AMYLOIDOGENIC PEPTIDES

; TITLE OF INVENTION: HOMOLOGOUS TO AMYLOID BETA FOR INDUCTION OF AN IMMUNE  
; TITLE OF INVENTION: RESPONSE TO AMYLOID BETA AND AMYLOID DEPOSITS  
; FILE REFERENCE: 5986/1K433-US1

; CURRENT APPLICATION NUMBER: US/10/666,423  
; CURRENT FILING DATE: 2003-09-19

; PRIOR APPLICATION NUMBER: US/09/861,847A  
; PRIOR FILING DATE: 2001-05-22

; PRIOR APPLICATION NUMBER: 60/016,233  
; PRIOR FILING DATE: 2000-05-22

; NUMBER OF SEQ ID NOS: 15  
; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 6  
; LENGTH: 36

; TYPE: PRT  
; ORGANISM: Artificial

; FEATURE:  
; OTHER INFORMATION: Synthetic  
; NAME/KEY: misc feature  
; OTHER INFORMATION: C-terminal residue 36 may be amidated.  
US-10-666-423-6

Query Match  
Best Local Similarity 85.4%; Score 35; DB 12; Length 36;  
Best Local Similarity 100.0%; Pred. No. 6.4;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7  
| | | | |  
Db 23 LVFFAED 29

RESULT 44  
US-10-666-423-11

; Sequence 11, Application US/10666423  
; Publication No. US20040043935A1  
; GENERAL INFORMATION:

; APPLICANT: FRANGIONE, Blas  
; APPLICANT: WISNIEWSKI, Thomas

; APPLICANT: SIGURDSSON, Einar  
; TITLE OF INVENTION: SYNTHETIC IMMUNOGENIC BUT NON-AMYLOIDOGENIC PEPTIDES

; TITLE OF INVENTION: HOMOLOGOUS TO AMYLOID BETA FOR INDUCTION OF AN IMMUNE  
; TITLE OF INVENTION: RESPONSE TO AMYLOID BETA AND AMYLOID DEPOSITS  
; FILE REFERENCE: 5986/1K433-US1

; CURRENT APPLICATION NUMBER: US/10/666,423  
; CURRENT FILING DATE: 2003-09-19

; PRIOR APPLICATION NUMBER: US/09/861,847A  
; PRIOR FILING DATE: 2001-05-22

; NUMBER OF SEQ ID NOS: 15  
; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 11  
; LENGTH: 36

; TYPE: PRT  
; ORGANISM: Artificial

; FEATURE:  
; OTHER INFORMATION: Synthetic

US-10-666-423-11

Query Match  
Best Local Similarity 85.4%; Score 35; DB 12; Length 36;  
Best Local Similarity 100.0%; Pred. No. 6.4;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7  
| | | | |  
Db 17 LVFFAED 23

RESULT 45  
US-10-301-488A-6

; Sequence 6, Application US/10301488A  
; Publication No. US20030166558A1  
; GENERAL INFORMATION:

; APPLICANT: FRANGIONE, Blas  
; APPLICANT: WISNIEWSKI, Thomas

; APPLICANT: SIGURDSSON, Einar  
; TITLE OF INVENTION: SYNTHETIC IMMUNOGENIC BUT NON-DEPOSIT-FORMING POLYPEPTIDES AND

; TITLE OF INVENTION: PEPTIDES HOMOLOGOUS TO AMYLOID BETA, PRION PROTEIN, AMYLIN, AL  
; TITLE OF INVENTION: ALPHA-SYNUCLEIN, OR POLYGLUTAMINE REPEATS FOR INDUCTION OF A  
; TITLE OF INVENTION: IMMUNE RESPONSE THERETO

; FILE REFERENCE: 5986/1K434US1  
; CURRENT APPLICATION NUMBER: US/10/301,488A

; CURRENT FILING DATE: 2002-11-21  
; PRIOR APPLICATION NUMBER: US 60/331,801

; PRIOR FILING DATE: 2001-11-21  
; NUMBER OF SEQ ID NOS: 55

; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 6

LENGTH: 36  
TYPE: PRT  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic  
NAME/KEY: misc feature  
OTHER INFORMATION: C-terminal residue 36 may be amidated.  
US-10-301-488A-6

Query Match  
Best Local Similarity 85.4%; Score 35; DB 14; Length 36;  
Matches 7; Conservativity 100.0%; Pred. No. 6.4;  
Matches 7; Conservativity 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7  
Db 23 LVFFAED 29

RESULT 46  
US-10-301-488A-11  
Sequence 11, Application US/10301488A  
Publication No. US20030166558A1  
GENERAL INFORMATION:  
APPLICANT: FRANGIONE, Blas  
APPLICANT: WISNIEMSKI, Thomas  
APPLICANT: SIGURDSSON, Einar  
TITLE OF INVENTION: SYNTHETIC IMMUNOGENIC BUT NON-DEPOSIT-FORMING POLYPEPTIDES AND  
TITLE OF INVENTION: PEPTIDES HOMOLOGOUS TO AMYLOID BETA, PRION PROTEIN, AMYLIN,  
TITLE OF INVENTION: ALPHA-SYNUCLEIN, OR POLYGLUTAMINE REPEATS FOR INDUCTION OF AN  
TITLE OF INVENTION: IMMUNE RESPONSE THERETO  
FILE REFERENCE: 5986/1K434US1  
CURRENT APPLICATION NUMBER: US/10/301,488A  
CURRENT FILING DATE: 2002-11-21  
PRIOR APPLICATION NUMBER: US 60/331,801  
PRIOR FILING DATE: 2001-11-21  
NUMBER OF SEQ ID NOS: 55  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 11  
LENGTH: 36  
TYPE: PRT  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic  
US-10-301-488A-11

Query Match  
Best Local Similarity 85.4%; Score 35; DB 14; Length 36;  
Matches 7; Conservativity 100.0%; Pred. No. 6.4;  
Matches 7; Conservativity 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7  
Db 17 LVFFAED 23

RESULT 47  
US-10-051-496-5  
Sequence 5, Application US/10051496  
Publication No. US20020182660A1  
GENERAL INFORMATION:  
APPLICANT: Kei-Lai L. Fong  
TITLE OF INVENTION: N- and C-Terminus Specific Immunoassays for  
Full Length Beta-Amyloid Peptide - Abeta(1-40), Abeta(1-39)  
Abeta(1-41), Abeta(1-42) and Abeta(1-43)  
NUMBER OF SEQUENCES: 5  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Kei-Lai L. Fong  
STREET: 1004 West 8th Avenue  
CITY: King of Prussia  
STATE: Pennsylvania  
COUNTRY: USA  
ZIP: 19406  
COMPUTER READABLE FORM:

MEDIUM TYPE: 3.50 inch, 1.44MB storage  
COMPUTER: IBM PC Compatibles  
OPERATING SYSTEM: Windows  
SOFTWARE: MS No. US20020182660A1epad  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/051,496  
FILING DATE: 18-Jan-2002  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/09/784,854A  
FILING DATE: 16-Feb-2001  
APPLICATION NUMBER: 60/183,407  
FILING DATE: 18-February-2000  
ATTORNEY/AGENT INFORMATION:  
NAME: Koenig, C. Frederick III  
REGISTRATION NUMBER: 29,662  
REFERENCE/DOCKET NUMBER: PBI-PT001.1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-6400  
TELEFAX: (215) 568-6499  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 39 Amino Acid  
TYPE: Amino Acid  
TOPOLOGY: Linear  
MOLECULE TYPE: Protein  
FEATURE:  
NAME/KEY: Signal Sequence  
LOCATION: 1-39  
IDENTIFICATION METHOD: Similarity to other sequences, hydro-phobic  
OTHER INFORMATION:  
PUBLICATION INFORMATION:  
AUTHORS:  
TITLE:  
JOURNAL:  
VOLUME:  
ISSUE:  
PAGES:  
DATE:  
RELEVANT RESIDUES IN SEQ ID NO: 5: FROM 1-39  
SEQUENCE DESCRIPTION: SEQ ID NO: 5:  
US-10-051-496-5

Query Match  
Best Local Similarity 85.4%; Score 35; DB 13; Length 39;  
Matches 7; Conservativity 100.0%; Pred. No. 7;  
Matches 7; Conservativity 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7  
Db 17 LVFFAED 23

RESULT 48  
US-10-190-548A-5  
Sequence 5, Application US/10190548A  
Publication No. US20030109435A1  
GENERAL INFORMATION:  
APPLICANT: Griswold Premer, Irene  
APPLICANT: Wright, Sarah  
APPLICANT: Yednock, Theodore  
APPLICANT: Rydel, Russell  
TITLE OF INVENTION: Methods of Inhibiting Amyloid Toxicity  
FILE REFERENCE: 08576.0030-00  
CURRENT APPLICATION NUMBER: US/10/190,548A  
CURRENT FILING DATE: 2002-12-09  
NUMBER OF SEQ ID NOS: 5  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 5  
LENGTH: 39  
TYPE: PRT  
ORGANISM: homo sapiens  
US-10-190-548A-5



Query Match 85.4%; Score 35; DB 14; Length 39;  
Best Local Similarity 100.0%; Pred. No. 7;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7  
Db 17 LVFFAED 23

RESULT 49  
US-09-861-847-7  
; Sequence 7, Application US/09861847  
; Patent No. US20020077288A1  
; GENERAL INFORMATION:  
; APPLICANT: FRANGIONE, Blas  
; APPLICANT: WISNIEWSKI, Thomas  
; APPLICANT: SIGURDSSON, Einar  
; TITLE OF INVENTION: SYNTHETIC IMMUNOGENIC BUT NON-AMYLOIDOGENIC PEPTIDES HOMOLOGOUS T  
; TITLE OF INVENTION: AMYLOID BETA FOR INDUCTION OF AN IMMUNE RESPONSE TO AMYLOID BETA  
; TITLE OF INVENTION: AMYLOID DEPOSITS  
; FILE REFERENCE: FRANGIONE=2A  
; CURRENT APPLICATION NUMBER: US/09/861,847  
; CURRENT FILING DATE: 2001-05-22  
; PRIOR APPLICATION NUMBER: 60/016,233  
; PRIOR FILING DATE: 2000-05-22  
; NUMBER OF SEQ ID NOS: 14  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 7  
; LENGTH: 40  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: misc feature  
; OTHER INFORMATION: Amino acid residues 1-6 can either be absent or present as Lys or  
; OTHER INFORMATION: Asp to form, in combination with residues 7-10, a N-terminal  
; OTHER INFORMATION: polylysine or polyaspartate segment of 4-10 residues in length.  
; NAME/KEY: misc feature  
; OTHER INFORMATION: The C-terminal Ala residue may be amidated.  
US-09-861-847-7

Query Match 85.4%; Score 35; DB 9; Length 40;  
Best Local Similarity 100.0%; Pred. No. 7.1;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7  
Db 27 LVFFAED 33

RESULT 50  
US-09-861-847-8  
; Sequence 8, Application US/09861847  
; Patent No. US20020077288A1  
; GENERAL INFORMATION:  
; APPLICANT: FRANGIONE, Blas  
; APPLICANT: WISNIEWSKI, Thomas  
; APPLICANT: SIGURDSSON, Einar  
; TITLE OF INVENTION: SYNTHETIC IMMUNOGENIC BUT NON-AMYLOIDOGENIC PEPTIDES HOMOLOGOUS T  
; TITLE OF INVENTION: AMYLOID BETA FOR INDUCTION OF AN IMMUNE RESPONSE TO AMYLOID BETA  
; TITLE OF INVENTION: AMYLOID DEPOSITS  
; FILE REFERENCE: FRANGIONE=2A  
; CURRENT APPLICATION NUMBER: US/09/861,847  
; CURRENT FILING DATE: 2001-05-22  
; PRIOR APPLICATION NUMBER: 60/016,233  
; PRIOR FILING DATE: 2000-05-22  
; NUMBER OF SEQ ID NOS: 14  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 8  
; LENGTH: 40  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:

OTHER INFORMATION: Synthetic  
; NAME/KEY: misc feature  
; OTHER INFORMATION: Amino acid residues 35-40 can either be absent or present as I  
; OTHER INFORMATION: or Asp to form, in combination with residues 31-34, a C-termir  
; OTHER INFORMATION: polylysine or polyaspartate segment of 4-10 residues in length  
US-09-861-847-8

Query Match 85.4%; Score 35; DB 9; Length 40;  
Best Local Similarity 100.0%; Pred. No. 7.1;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7  
Db 17 LVFFAED 23

RESULT 51  
US-09-867-847-2  
; Sequence 2, Application US/09867847  
; Patent No. US20020094335A1  
; GENERAL INFORMATION:  
; APPLICANT: Chalifour, Robert  
; APPLICANT: Hebert, lise  
; APPLICANT: Kong, Xiangqi  
; APPLICANT: Gervais, Francine  
; TITLE OF INVENTION: VACCINE FOR THE PREVENTION AND TREATMENT OF ALZHEIMER'S  
; TITLE OF INVENTION: AND AMYLOID RELATED DISEASES  
; FILE REFERENCE: 1445-501 CIP  
; CURRENT APPLICATION NUMBER: US/09/867,847  
; CURRENT FILING DATE: 2001-09-20  
; PRIOR APPLICATION NUMBER: 60/168,594  
; PRIOR FILING DATE: 1999-11-29  
; PRIOR APPLICATION NUMBER: 09/724,842  
; PRIOR FILING DATE: 2000-11-28  
; NUMBER OF SEQ ID NOS: 65  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 2  
; LENGTH: 40  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: All D peptides  
; OTHER INFORMATION: or peptidomimetics  
US-09-867-847-2

Query Match 85.4%; Score 35; DB 9; Length 40;  
Best Local Similarity 100.0%; Pred. No. 7.1;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7  
Db 17 LVFFAED 23

RESULT 52  
US-09-988-842-3  
; Sequence 3, Application US/09988842  
; Patent No. US20020143105A1  
; GENERAL INFORMATION:  
; APPLICANT: Johansson, Jan  
; TITLE OF INVENTION: DISCORDANT HELIX STABILIZATION FOR PREVENTION  
; TITLE OF INVENTION: OF AMYLOID FORMATION  
; FILE REFERENCE: 12125-002001  
; CURRENT APPLICATION NUMBER: US/09/988,842  
; CURRENT FILING DATE: 2001-11-19  
; PRIOR APPLICATION NUMBER: US 60/251,662  
; PRIOR FILING DATE: 2000-12-06  
; PRIOR APPLICATION NUMBER: US 60/253,695  
; PRIOR FILING DATE: 2000-11-20  
; NUMBER OF SEQ ID NOS: 26  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 3  
; LENGTH: 40

```

; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetically generated peptide
US-09-988-842-3

Query Match
Best Local Similarity 85.4%; Score 35; DB 9; Length 40;
Matches 7; Conservativity 100.0%; Pred. No. 7.1; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7
   |||||
Db 17 LVFFAED 23

RESULT 53
US-09-851-071-3
; Sequence 3, Application US/09851071
; Patent No. US20020177550A1
; GENERAL INFORMATION:
; APPLICANT: Schmidt, Anne Marie
; TITLE OF INVENTION: A METHOD FOR INHIBITING TUMOR INVASION OR SPREADING IN A SUBJECT
; FILE REFERENCE: 0575/55424-Z/JPM/SHS/MMV
; CURRENT APPLICATION NUMBER: US/09/851,071
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
; LENGTH: 40
; TYPE: PRT
; ORGANISM: Human
US-09-851-071-3

Query Match
Best Local Similarity 85.4%; Score 35; DB 9; Length 40;
Matches 7; Conservativity 100.0%; Pred. No. 7.1; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7
   |||||
Db 17 LVFFAED 23

RESULT 54
US-09-962-955C-36
; Sequence 36, Application US/09962955C
; Publication No. US20030013648A1
; GENERAL INFORMATION:
; APPLICANT: Gerardo M. Castillo
; APPLICANT: Alan D. Snow
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Patrick M. Dwyer
; STREET: ProteoTech, Inc, 1818 Westlake Avenue N, Suite 114
; CITY: Seattle
; STATE: WA (Washington)
; COUNTRY: United States of America
; ZIP: 98109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette - 3.50 inch, 1.44 Mb storage
; COMPUTER: IBM PC
; OPERATING SYSTEM: Windows 98
; SOFTWARE: WordPerfect 9
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/962,955C
; FILING DATE: 24-September-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/938,275
; FILING DATE: 22-August-2001
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Dwyer, Patrick M.
```

```

; REGISTRATION NUMBER: 32,411
; REFERENCE/DOCKET NUMBER: PROTEO.P03CI
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 343-7074
; TELEFAX: (206) 343-7085
; INFORMATION FOR SEQ ID NO: 36:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 40 AMINO ACIDS
; TYPE: AMINO ACID
; STRANDEDNESS:
; TOPOLOGY: LINEAR
; ORIGINAL SOURCE:
; ORGANISM: MOUSE
; FEATURE:
; OTHER INFORMATION: Also referred to in the specification as "AB 1-40"
US-09-962-955C-36

Query Match
Best Local Similarity 85.4%; Score 35; DB 10; Length 40;
Matches 7; Conservativity 100.0%; Pred. No. 7.1; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7
   |||||
Db 17 LVFFAED 23

RESULT 55
US-09-792-079-12
; Sequence 12, Application US/09792079
; Publication No. US20030083277A1
; GENERAL INFORMATION:
; APPLICANT: University of Kentucky Research Foundation
; APPLICANT: Herish, Louis B.
; APPLICANT: Mukherjee, Atish
; TITLE OF INVENTION: Use Of Insulin Degrading Enzyme (IDE) For The Treatment Of A1;
; FILE REFERENCE: 050229-0261
; CURRENT APPLICATION NUMBER: US/09/792,079
; PRIOR FILING DATE: 2001-02-26
; PRIOR APPLICATION NUMBER: 60/184,826
; PRIOR FILING DATE: 2000-02-24
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 12
; LENGTH: 40
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-792-079-12

Query Match
Best Local Similarity 85.4%; Score 35; DB 10; Length 40;
Matches 7; Conservativity 100.0%; Pred. No. 7.1; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7
   |||||
Db 17 LVFFAED 23

RESULT 56
US-10-337-261-1
; Sequence 1, Application US/10337261
; Publication No. US20040028673A1
; GENERAL INFORMATION:
; APPLICANT: Netzer, William
; APPLICANT: Greengard, Paul
; APPLICANT: Xu, Huaxi
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR PREVENTION AND TREATMENT OF AMYLC
; FILE REFERENCE: 11181-014-999
; CURRENT APPLICATION NUMBER: US/10/337,261
; FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: 60/345,009
; PRIOR FILING DATE: 2002-01-04
```

; NUMBER OF SEQ ID NOS: 2  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1  
; LENGTH: 40  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-337-261-1

Query Match 85.4%; Score 35; DB 12; Length 40;  
Best Local Similarity 100.0%; Pred. No. 7.1;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7  
|||  
Db 17 LVFFAED 23

RESULT 57  
US-10-666-423-7  
; Sequence 7, Application US/10666423  
; Publication No. US20040043935A1  
; GENERAL INFORMATION:  
; APPLICANT: FRANGIONE, Blas  
; APPLICANT: WISNIEWSKI, Thomas  
; APPLICANT: SIGURDSSON, Einar  
; TITLE OF INVENTION: SYNTHETIC IMMUNOGENIC BUT NON-AMYLOIDOGENIC PEPTIDES  
; TITLE OF INVENTION: HOMOLOGOUS TO AMYLOID BETA FOR INDUCTION OF AN IMMUNE  
; TITLE OF INVENTION: RESPONSE TO AMYLOID BETA AND AMYLOID DEPOSITS  
; FILE REFERENCE: 5986/1K433-US1  
; CURRENT APPLICATION NUMBER: US/10/666,423  
; CURRENT FILING DATE: 2003-09-19  
; PRIOR APPLICATION NUMBER: US/09/861,847A  
; PRIOR FILING DATE: 2001-05-22  
; PRIOR APPLICATION NUMBER: 60/016,233  
; PRIOR FILING DATE: 2000-05-22  
; NUMBER OF SEQ ID NOS: 15  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 7  
; LENGTH: 40  
; TYPE: PRT  
; ORGANISM: Artificial  
; FEATURE:  
; OTHER INFORMATION: Synthetic  
; NAME/KEY: misc feature  
; OTHER INFORMATION: Amino acid residues 1-6 can either be absent or present as Lys or  
; OTHER INFORMATION: Asp to form, in combination with residues 7-10, a N-terminal  
; OTHER INFORMATION: polylysine or polyaspartate segment of 4-10 residues in length  
; FEATURE:  
; NAME/KEY: misc feature  
; OTHER INFORMATION: The C-terminal Ala residue may be amidated.  
US-10-666-423-7

Query Match 85.4%; Score 35; DB 12; Length 40;  
Best Local Similarity 100.0%; Pred. No. 7.1;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7  
|||  
Db 27 LVFFAED 33

RESULT 58  
US-10-666-423-8  
; Sequence 8, Application US/10666423  
; Publication No. US20040043935A1  
; GENERAL INFORMATION:  
; APPLICANT: FRANGIONE, Blas  
; APPLICANT: WISNIEWSKI, Thomas  
; APPLICANT: SIGURDSSON, Einar  
; TITLE OF INVENTION: SYNTHETIC IMMUNOGENIC BUT NON-AMYLOIDOGENIC PEPTIDES  
; TITLE OF INVENTION: HOMOLOGOUS TO AMYLOID BETA FOR INDUCTION OF AN IMMUNE  
; TITLE OF INVENTION: RESPONSE TO AMYLOID BETA AND AMYLOID DEPOSITS

; FILE REFERENCE: 5986/1K433-US1  
; CURRENT APPLICATION NUMBER: US/10/666,423  
; CURRENT FILING DATE: 2003-09-19  
; PRIOR APPLICATION NUMBER: US/09/861,847A  
; PRIOR FILING DATE: 2001-05-22  
; PRIOR APPLICATION NUMBER: 60/016,233  
; PRIOR FILING DATE: 2000-05-22  
; NUMBER OF SEQ ID NOS: 15  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 8  
; LENGTH: 40  
; TYPE: PRT  
; ORGANISM: Artificial  
; FEATURE:  
; OTHER INFORMATION: Synthetic  
; NAME/KEY: misc feature  
; OTHER INFORMATION: Amino acid residues 35-40 can either be absent or present as I  
; OTHER INFORMATION: or Asp to form, in combination with residues 31-34, a C-termi  
; OTHER INFORMATION: polylysine or polyaspartate segment of 4-10 residues in length  
US-10-666-423-8

Query Match 85.4%; Score 35; DB 12; Length 40;  
Best Local Similarity 100.0%; Pred. No. 7.1;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7  
|||  
Db 17 LVFFAED 23

RESULT 59  
US-10-007-779A-1  
; Sequence 1, Application US/10007779A  
; Publication No. US20020168753A1  
; GENERAL INFORMATION:  
; APPLICANT: Castillo, Gerardo and Snow, Alan  
; TITLE OF INVENTION: In Vitro Formation of Congoophilic  
; TITLE OF INVENTION: Maltese-Cross Amyloid Plaques to Identify Anti-Plaque  
; TITLE OF INVENTION: Therapeutics for the Treatment of Alzheimer's and Prion  
; NUMBER OF SEQUENCES: 1  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Patrick M. Dwyer  
; STREET: ProteoTech, Inc., 1818 Westlake Ave N, Suite 114  
; CITY: Seattle  
; STATE: WA (Washington)  
; COUNTRY: USA  
; ZIP: 98109  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5 inch diskette  
; COMPUTER: PC  
; OPERATING SYSTEM: Windows 98  
; SOFTWARE: WordPerfect 9  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/10/007,779A  
; FILING DATE: 28-Apr-2002  
; CLASSIFICATION: Unknown  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 09/267,795  
; FILING DATE: 12-March-1999  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Dwyer, Patrick M.  
; REGISTRATION NUMBER: 32,411  
; REFERENCE/DOCKET NUMBER: PROTEO.P08  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (206) 343-7074  
; TELEFAX: (206) 343-7085  
; INFORMATION FOR SEQ ID NO: 1:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 40 AMINO ACIDS  
; TYPE: AMINO ACID  
; STRANDEDNESS: <Unknown>  
; TOPOLOGY: LINEAR

MOLECULE TYPE: PROTEIN  
SEQUENCE DESCRIPTION: SEQ ID NO: 1:  
US-10-007-779A-1

Query Match  
Best Local Similarity 85.4%; Score 35; DB 13; Length 40;  
Matches 7; Conservative 100.0%; Pred. No. 7.1;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7  
Db 17 LVFFAED 23

RESULT 60  
US-10-051-496-4

Sequence 4, Application US/10051496  
Publication No. US2002018260A1

GENERAL INFORMATION:

APPLICANT: Kei-Lai L. Fong  
TITLE OF INVENTION: N- and C-Terminus Specific Immunoassays for  
Full Length Beta-Amyloid Peptide - Abeta(1-40), Abeta(1-39)  
Abeta(1-41), Abeta(1-42) and Abeta (1-43)

NUMBER OF SEQUENCES: 5  
CORRESPONDENCE ADDRESS:

ADDRESSEE: Kei-Lai L. Fong  
STREET: 1004 West 8th Avenue  
CITY: King of Prussia  
STATE: Pennsylvania  
COUNTRY: USA  
ZIP: 19406

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.50 inch, 1.44MB storage  
COMPUTER: IBM PC Compatibles  
OPERATING SYSTEM: Windows

SOFTWARE: MS No. US2002018260A1epad

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/051,496  
FILING DATE: 18-Jan-2002

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/09/784,854A  
FILING DATE: 16-Feb-2001

APPLICATION NUMBER: 60/183,407  
FILING DATE: 18-February-2000

ATTORNEY/AGENT INFORMATION:

NAME: Koenig, C. Frederick III  
REGISTRATION NUMBER: 29,662  
REFERENCE/DOCKET NUMBER: FBI-PT001.1

TELECOMMUNICATION INFORMATION:

TELEPHONE: (215) 568-6400  
TELEFAX: (215) 568-6499

INFORMATION FOR SEQ ID NO: 4:

SEQUENCE CHARACTERISTICS:

LENGTH: 40 Amino Acid  
TYPE: Amino Acid

TOPOLOGY: Linear

MOLECULE TYPE: Protein

FEATURE:

NAME/KEY: Signal Sequence

LOCATION: 1-40

IDENTIFICATION METHOD: Similarity to other sequences, hydro-phobic

OTHER INFORMATION:

PUBLICATION INFORMATION:

AUTHORS:

TITLE:

JOURNAL:

VOLUME:

ISSUE:

PAGES:

DATE:

RELEVANT RESIDUES IN SEQ ID NO: 4: FROM 1-40

SEQUENCE DESCRIPTION: SEQ ID NO: 4:  
US-10-051-496-4

Query Match  
Best Local Similarity 85.4%; Score 35; DB 13; Length 40;  
Matches 7; Conservative 100.0%; Pred. No. 7.1;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7  
Db 17 LVFFAED 23

RESULT 61

US-10-217-584-3

Sequence 3, Application US/10217584  
Publication No. US20030077261A1

GENERAL INFORMATION:

APPLICANT: Paris, Daniel

APPLICANT: Mullian, Michael

TITLE OF INVENTION: Modulation of Angiogenesis by A-Beta Peptides

FILE REFERENCE: USF-T161XC1

CURRENT APPLICATION NUMBER: US/10/217,584

CURRENT FILING DATE: 2002-08-12

PRIOR APPLICATION NUMBER: 60/311,656

PRIOR FILING DATE: 2001-08-10

NUMBER OF SEQ ID NOS: 11

SOFTWARE: PatentIn version 3.1

SEQ ID NO 3

LENGTH: 40

TYPE: PRT

ORGANISM: Homo sapiens

FEATURE:

NAME/KEY: PEPTIDE

LOCATION: (1)..(40)

OTHER INFORMATION: A-beta 1-40 peptide

US-10-217-584-3

Query Match  
Best Local Similarity 85.4%; Score 35; DB 14; Length 40;  
Matches 7; Conservative 100.0%; Pred. No. 7.1;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7  
Db 17 LVFFAED 23

RESULT 62

US-10-169-580-1

Sequence 1, Application US/10169580  
Publication No. US20030100477A1

GENERAL INFORMATION:

APPLICANT: Yamaguchi Pharmaceutical Co., Ltd.

TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS FOR SUPPRESSING B-AMYLOID PRODUCT

FILE REFERENCE: 070898

CURRENT APPLICATION NUMBER: US/10/169,580

CURRENT FILING DATE: 2002-07-08

PRIOR APPLICATION NUMBER: 2000-131037

PRIOR FILING DATE: 2000-04-28

PRIOR APPLICATION NUMBER: PCT/JP01/03555

PRIOR FILING DATE: 2001-04-25

NUMBER OF SEQ ID NOS: 21

SOFTWARE: PatentIn version 3.1

SEQ ID NO 1

LENGTH: 40

TYPE: PRT

ORGANISM: Homo sapiens

US-10-169-580-1

Query Match  
Best Local Similarity 85.4%; Score 35; DB 14; Length 40;  
Matches 7; Conservative 100.0%; Pred. No. 7.1;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7  
Db 17 LVFFAED 23



RESULT 63  
US-10-143-534-3

; Sequence 3, Application US/10143534  
; Publication No. US20030105152A1  
; GENERAL INFORMATION:  
; APPLICANT: Ingram, Vernon M.  
; APPLICANT: Blanchard, Barbara J.  
; APPLICANT: Stockwell, Brent R.  
; TITLE OF INVENTION: TREATMENTS FOR NEUROTOXICITY IN ALZHEIMER'S DISEASE  
; FILE REFERENCE: M00656/70078  
; CURRENT APPLICATION NUMBER: US/10/143,534  
; CURRENT FILING DATE: 2002-05-10  
; PRIOR APPLICATION NUMBER: US 10/051,663  
; PRIOR FILING DATE: 2002-01-18  
; PRIOR APPLICATION NUMBER: US 09/706,574  
; PRIOR FILING DATE: 2000-11-03  
; NUMBER OF SEQ ID NOS: 3  
; SOFTWARE: PatentIn Version 3.0  
; SEQ ID NO 3  
; LENGTH: 40  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Peptide  
US-10-143-534-3

Query Match 85.4%; Score 35; DB 14; Length 40;  
Best Local Similarity 100.0%; Pred. No. 7.1;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7  
Db 17 LVFFAED 23

## RESULT 64

US-10-190-548A-4  
; Sequence 4, Application US/10190548A  
; Publication No. US20030109435A1  
; GENERAL INFORMATION:  
; APPLICANT: Griswold Premier, Irene  
; APPLICANT: Wright, Sarah  
; APPLICANT: Yednock, Theodore  
; APPLICANT: Rydel, Russell  
; TITLE OF INVENTION: Methods of Inhibiting Amyloid Toxicity  
; FILE REFERENCE: 08576.0030-00  
; CURRENT APPLICATION NUMBER: US/10/190,548A  
; CURRENT FILING DATE: 2002-12-09  
; NUMBER OF SEQ ID NOS: 5  
; SOFTWARE: PatentIn Version 3.1  
; SEQ ID NO 4  
; LENGTH: 40  
; TYPE: PRT  
; ORGANISM: homo sapiens  
US-10-190-548A-4

Query Match 85.4%; Score 35; DB 14; Length 40;  
Best Local Similarity 100.0%; Pred. No. 7.1;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7  
Db 17 LVFFAED 23

RESULT 65  
US-10-051-663-3

; Sequence 3, Application US/10051663  
; Publication No. US20030114510A1  
; GENERAL INFORMATION:  
; APPLICANT: Ingram, Vernon M.

; APPLICANT: Blanchard, Barbara J.  
; APPLICANT: Stockwell, Brent R.  
; TITLE OF INVENTION: TREATMENTS FOR NEUROTOXICITY IN ALZHEIMER'S DISEASE  
; FILE REFERENCE: M0656/7071  
; CURRENT APPLICATION NUMBER: US/10/051,663  
; CURRENT FILING DATE: 2002-01-18  
; PRIOR APPLICATION NUMBER: US 09/706,574  
; PRIOR FILING DATE: 2000-11-03  
; NUMBER OF SEQ ID NOS: 3  
; SOFTWARE: PatentIn Version 3.0  
; SEQ ID NO 3  
; LENGTH: 40  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Peptide  
US-10-051-663-3

Query Match 85.4%; Score 35; DB 14; Length 40;  
Best Local Similarity 100.0%; Pred. No. 7.1;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7  
Db 17 LVFFAED 23

## RESULT 66

US-10-151-614-1  
; Sequence 1, Application US/10151614  
; Publication No. US20030147811A1  
; GENERAL INFORMATION:  
; APPLICANT: WISNIEWSKI, Thomas  
; APPLICANT: TURNBULL, Daniel  
; APPLICANT: SIGURDSSON, Einar  
; APPLICANT: ZAIM WADGHIRI, Yousef  
; TITLE OF INVENTION: DETECTION OF ALZHEIMER'S AMYLOID BY MAGNETIC RESONANCE  
; FILE REFERENCE: WISNIEWSKI 2A  
; CURRENT APPLICATION NUMBER: US/10/151,614  
; CURRENT FILING DATE: 2002-05-23  
; PRIOR APPLICATION NUMBER: US 60/292,625  
; PRIOR FILING DATE: 2001-05-23  
; NUMBER OF SEQ ID NOS: 1  
; SOFTWARE: PatentIn Version 3.1  
; SEQ ID NO 1  
; LENGTH: 40  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-151-614-1

Query Match 85.4%; Score 35; DB 14; Length 40;  
Best Local Similarity 100.0%; Pred. No. 7.1;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7  
Db 17 LVFFAED 23

RESULT 67  
US-10-159-279-12

; Sequence 12, Application US/10159279  
; Publication No. US20030165481A1  
; GENERAL INFORMATION:  
; APPLICANT: University of Kentucky Research Foundation  
; APPLICANT: Hersh, Louis B.  
; APPLICANT: Mukherjee, Atish  
; TITLE OF INVENTION: Use Of Insulin Degrading Enzyme (IDE) For The Treatment Of Alz  
; FILE REFERENCE: 050229-0298  
; CURRENT APPLICATION NUMBER: US/10/159,279  
; CURRENT FILING DATE: 2002-06-03  
; PRIOR APPLICATION NUMBER: 60/184,826

;; PRIOR FILING DATE: 2000-02-24  
;; PRIOR APPLICATION NUMBER: 09/792,079  
;; PRIOR FILING DATE: 2001-02-26  
;; NUMBER OF SEQ ID NOS: 13  
;; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 12  
; LENGTH: 40  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-159-279-12

Query Match  
Best Local Similarity 85.4%; Score 35; DB 14; Length 40;  
Matches 7; Conservativity 100.0%; Pred. No. 7.1; Mismatches 0; Indels 0; Gaps 0;

OY 1 LVFFAED 7  
Db 17 LVFFAED 23

## RESULT 68

US-10-301-488A-7  
; Sequence 7, Application US/10301488A  
; Publication No. US20030166558A1  
; GENERAL INFORMATION:  
; APPLICANT: FRANGIONE, Blas  
; APPLICANT: WISNIEWSKI, Thomas  
; APPLICANT: SIGURDSSON, Einar  
; TITLE OF INVENTION: SYNTHETIC IMMUNOGENIC BUT NON-DEPOSIT-FORMING POLYPEPTIDES AND  
; TITLE OF INVENTION: PEPTIDES HOMOLOGOUS TO AMYLOID BETA, PRION PROTEIN, AMYLIN,  
; TITLE OF INVENTION: ALPHA-SYNUCLEIN, OR POLYGLUTAMINE REPEATS FOR INDUCTION OF AN  
; TITLE OF INVENTION: IMMUNE RESPONSE THERETO  
; FILE REFERENCE: 5986/1K434US1  
; CURRENT APPLICATION NUMBER: US/10/301,488A  
; CURRENT FILING DATE: 2002-11-21  
; PRIOR APPLICATION NUMBER: US 60/331,801  
; PRIOR FILING DATE: 2001-11-21  
; NUMBER OF SEQ ID NOS: 55  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 7  
; LENGTH: 40  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic  
; NAME/KEY: misc\_feature  
; LOCATION: (1)..(10)  
; OTHER INFORMATION: Amino acid residues 1-6 can either be absent or present as Lys or  
; OTHER INFORMATION: Asp to form, in combination with residues 7-10, a N-terminal  
; FEATURE:  
; NAME/KEY: misc\_feature  
; OTHER INFORMATION: The C-terminal Ala residue may be amidated.  
US-10-301-488A-7

Query Match  
Best Local Similarity 85.4%; Score 35; DB 14; Length 40;  
Matches 7; Conservativity 100.0%; Pred. No. 7.1; Mismatches 0; Indels 0; Gaps 0;

OY 1 LVFFAED 7  
Db 27 LVFFAED 33

## RESULT 69

US-10-301-488A-8  
; Sequence 8, Application US/10301488A  
; Publication No. US20030166558A1  
; GENERAL INFORMATION:  
; APPLICANT: FRANGIONE, Blas  
; APPLICANT: WISNIEWSKI, Thomas  
; APPLICANT: SIGURDSSON, Einar

;; TITLE OF INVENTION: SYNTHETIC IMMUNOGENIC BUT NON-DEPOSIT-FORMING POLYPEPTIDES AND  
;; TITLE OF INVENTION: PEPTIDES HOMOLOGOUS TO AMYLOID BETA, PRION PROTEIN, AMYLIN,  
;; TITLE OF INVENTION: ALPHA-SYNUCLEIN, OR POLYGLUTAMINE REPEATS FOR INDUCTION OF AN  
;; FILE REFERENCE: 5986/1K434US1  
;; CURRENT APPLICATION NUMBER: US/10/301,488A  
;; CURRENT FILING DATE: 2002-11-21  
;; PRIOR APPLICATION NUMBER: US 60/331,801  
;; PRIOR FILING DATE: 2001-11-21  
;; NUMBER OF SEQ ID NOS: 55  
;; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 8  
; LENGTH: 40  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic  
; NAME/KEY: misc\_feature  
; LOCATION: (31)..(40)  
; OTHER INFORMATION: Amino acid residues 35-40 can either be absent or present as L  
; OTHER INFORMATION: or Asp to form, in combination with residues 31-34, a C-termin  
; OTHER INFORMATION: polylysine or polyaspartate segment of 4-10 residues in length  
US-10-301-488A-8

Query Match  
Best Local Similarity 85.4%; Score 35; DB 14; Length 40;  
Matches 7; Conservativity 100.0%; Pred. No. 7.1; Mismatches 0; Indels 0; Gaps 0;

OY 1 LVFFAED 7  
Db 17 LVFFAED 23

## RESULT 70

US-10-366-125-27  
; Sequence 27, Application US/10366125  
; Publication No. US20030228259A1  
; GENERAL INFORMATION:  
; APPLICANT: Hellerstein, Marc  
; TITLE OF INVENTION: MEASUREMENT OF BIOSYNTHESIS AND BREAKDOWN RATES OF  
; TITLE OF INVENTION: BIOLOGICAL MOLECULES THAT ARE INACCESSIBLE OR NOT  
; TITLE OF INVENTION: EASILY ACCESSIBLE TO DIRECT SAMPLING, NON-INVASIVELY,  
; TITLE OF INVENTION: BY LABEL INCORPORATION INTO METABOLIC DERIVATIVES AND  
; FILE REFERENCE: 416272003500  
; CURRENT APPLICATION NUMBER: US/10/366,125  
; CURRENT FILING DATE: 2003-02-12  
; PRIOR APPLICATION NUMBER: US 60/356,008  
; PRIOR FILING DATE: 2002-02-12  
; NUMBER OF SEQ ID NOS: 28  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 27  
; LENGTH: 40  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-366-125-27

Query Match  
Best Local Similarity 85.4%; Score 35; DB 15; Length 40;  
Matches 7; Conservativity 100.0%; Pred. No. 7.1; Mismatches 0; Indels 0; Gaps 0;

OY 1 LVFFAED 7  
Db 17 LVFFAED 23

## RESULT 71

US-10-051-496-3  
; Sequence 3, Application US/10051496  
; Publication No. US20020182660A1  
; GENERAL INFORMATION:  
; APPLICANT: Kei-Lai L. Fong

;; TITLE OF INVENTION: N- and C-Terminus Specific Immunoassays for  
;; Full Length Beta-Amyloid Peptide - Abeta(1-40), Abeta(1-39)  
;; Abeta(1-41), Abeta(1-42) and Abeta(1-43)  
;;  
;; NUMBER OF SEQUENCES: 5  
;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: Kei-Lai L. Fong  
;; STREET: 1004 West 8th Avenue  
;; CITY: King of Prussia  
;; STATE: Pennsylvania  
;; COUNTRY: USA  
;; ZIP: 19406  
;;  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: 3.50 inch, 1.44MB storage  
;; COMPUTER: IBM PC Compatibles  
;; OPERATING SYSTEM: Windows  
;; SOFTWARE: MS No. US20020182660A1epad  
;;  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/10/051,496  
;; FILING DATE: 18-Jan-2002  
;; CLASSIFICATION: <Unknown>  
;;  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US/09/784,854A  
;; FILING DATE: 16-Feb-2001  
;; APPLICATION NUMBER: 60/183,407  
;; FILING DATE: 18-February-2000  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Koenig, C. Frederick III  
;; REGISTRATION NUMBER: 29,662  
;; REFERENCE/DOCKET NUMBER: FBI-PT001.1  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (215) 568-6400  
;; TELEFAX: (215) 568-6499  
;;  
;; INFORMATION FOR SEQ ID NO: 3:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 41 Amino Acid  
;; TYPE: Amino Acid  
;; TOPOLOGY: Linear  
;; MOLECULE TYPE: Protein  
;; FEATURE:  
;; NAME/KEY: Signal Sequence  
;; LOCATION: 1-41  
;; IDENTIFICATION METHOD: Similarity to other sequences, hydro-phobic  
;; OTHER INFORMATION:  
;; PUBLICATION INFORMATION:  
;; AUTHORS:  
;; TITLE:  
;; JOURNAL:  
;; VOLUME:  
;; ISSUE:  
;; PAGES:  
;; DATE:  
;; RELEVANT RESIDUES IN SEQ ID NO: 3: FROM 1-41  
;; SEQUENCE DESCRIPTION: SEQ ID NO: 3:  
US-10-051-496-3  
  
Query Match 85.4%; Score 35; DB 13; Length 41;  
Best Local Similarity 100.0%; Pred. No. 7.3;  
Matches 7; Conservative 0; Indels 0; Gaps 0;  
  
QY 1 LVFFAED 7  
Db 17 LVFFAED 23  
  
RESULT 72  
US-10-190-548A-3  
; Sequence 3, Application US/10190548A  
; Publication No. US20030109435A1  
; GENERAL INFORMATION:  
; APPLICANT: Griswold Prenner, Irene  
; APPLICANT: Wright, Sarah  
; APPLICANT: Vednock, Theodore  
; APPLICANT: Rydel, Russell

;; TITLE OF INVENTION: Methods of Inhibiting Amyloid Toxicity  
;; FILE REFERENCE: 08576.0030-00  
;; CURRENT APPLICATION NUMBER: US/10/190,548A  
;; CURRENT FILING DATE: 2002-12-09  
;; NUMBER OF SEQ ID NOS: 5  
;; SOFTWARE: PatentIn version 3.1  
;; SEQ ID NO 3  
;; LENGTH: 41  
;; TYPE: PRT  
;; ORGANISM: homo sapiens  
US-10-190-548A-3  
  
Query Match 85.4%; Score 35; DB 14; Length 41;  
Best Local Similarity 100.0%; Pred. No. 7.3;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
QY 1 LVFFAED 7  
Db 17 LVFFAED 23  
  
RESULT 73  
US-08-923-055-2  
; Sequence 2, Application US/08923055  
; Publication No. US20010016327A1  
; GENERAL INFORMATION:  
; APPLICANT: Dana Giulian  
; TITLE OF INVENTION: Identification of Agents that Protect  
; TITLE OF INVENTION: Against Inflammatory Injury to Neurons  
; NUMBER OF SEQUENCES: 2  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz  
; ADDRESS: 6 No. US20010016327A1ris LLP  
; STREET: One Liberty Place - 46th Floor  
; CITY: Philadelphia  
; STATE: PA  
; COUNTRY: USA  
; ZIP: 19103  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
; COMPUTER: IBM PS/2  
; OPERATING SYSTEM: PC-DOS  
; SOFTWARE: WORDPERFECT for WINDOWS 6.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/923,055  
; FILING DATE: Sept-03-97  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER:  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Lori V. Beardell  
; REGISTRATION NUMBER: 34,293  
; REFERENCE/DOCKET NUMBER: BYLR-0038  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (215) 568-3100  
; TELEFAX: (215) 568-3439  
; INFORMATION FOR SEQ ID NO: 2:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 42 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: peptide  
US-08-923-055-2  
  
Query Match 85.4%; Score 35; DB 8; Length 42;  
Best Local Similarity 100.0%; Pred. No. 7.5;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
QY 1 LVFFAED 7  
Db 17 LVFFAED 23

RESULT 74  
US-09-867-847-1  
; Sequence 1, Application US/09867847  
; Patent No. US20020094335A1  
; GENERAL INFORMATION:  
; APPLICANT: Chailfour, Robert  
; APPLICANT: Hebert, Lise  
; APPLICANT: Kong, Xiangqi  
; APPLICANT: Gervais, Francine  
; TITLE OF INVENTION: VACCINE FOR THE PREVENTION AND TREATMENT OF ALZHEIMER'S  
; FILE REFERENCE: 14445-501 CIP  
; CURRENT APPLICATION NUMBER: US/09/867,847  
; PRIOR FILING DATE: 2001-09-20  
; PRIOR APPLICATION NUMBER: 60/168,594  
; PRIOR FILING DATE: 1999-11-29  
; PRIOR APPLICATION NUMBER: 09/724,842  
; PRIOR FILING DATE: 2000-11-28  
; NUMBER OF SEQ ID NOS: 65  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 1  
; LENGTH: 42  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: All D peptides  
US-09-867-847-1

Query Match 85.4%; Score 35; DB 9; Length 42;  
Best Local Similarity 100.0%; Pred. No. 7.5;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7  
Db 17 LVFFAED 23

RESULT 75  
US-09-956-625-26  
; Sequence 26, Application US/09956625  
; Patent No. US20020119926A1  
; GENERAL INFORMATION:  
; APPLICANT: Fraser, Paul  
; TITLE OF INVENTION: Inhibitors of IAPP Fibril Formation and Uses Thereof  
; FILE REFERENCE: 14445-503  
; CURRENT APPLICATION NUMBER: US/09/956,625  
; PRIOR FILING DATE: 2001-09-19  
; PRIOR APPLICATION NUMBER: 60/233,482  
; PRIOR FILING DATE: 2000-09-19  
; NUMBER OF SEQ ID NOS: 27  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 26  
; LENGTH: 42  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-956-625-26

Query Match 85.4%; Score 35; DB 9; Length 42;  
Best Local Similarity 100.0%; Pred. No. 7.5;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7  
Db 17 LVFFAED 23

RESULT 76  
US-09-731-460-1  
; Sequence 1, Application US/09731460  
; Patent No. US20020137112A1  
; GENERAL INFORMATION:

; APPLICANT: Chojkier, Mario  
; APPLICANT: Buck, Martina  
; TITLE OF INVENTION: Compositions and Methods for Diagnosing Alzheimer's  
; FILE REFERENCE: CHOJKIER-04302  
; CURRENT APPLICATION NUMBER: US/09/731,460  
; CURRENT FILING DATE: 2000-12-07  
; NUMBER OF SEQ ID NOS: 1  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 1  
; LENGTH: 42  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-09-731-460-1

Query Match 85.4%; Score 35; DB 9; Length 42;  
Best Local Similarity 100.0%; Pred. No. 7.5;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7  
Db 17 LVFFAED 23

RESULT 77  
US-09-962-955C-37  
; Sequence 37, Application US/09962955C  
; Publication No. US20030013648A1  
; GENERAL INFORMATION:  
; APPLICANT: Gerardo M. Castillo  
; APPLICANT: Alan D. Snow  
; NUMBER OF SEQUENCES: 37  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Patrick M. Dwyer  
; STREET: ProteoTech, Inc, 1818 Westlake Avenue N, Suite 114  
; CITY: Seattle  
; STATE: WA (Washington)  
; COUNTRY: United States of America  
; ZIP: 98109  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette - 3.50 inch, 1.44 Mb storage  
; COMPUTER: IBM PC  
; OPERATING SYSTEM: Windows 98  
; SOFTWARE: Wordperfect 9  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/962,955C  
; FILING DATE: 24-September-2001  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 09/938,275  
; FILING DATE: 22-August-2001  
; CLASSIFICATION:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Dwyer, Patrick M.  
; REGISTRATION NUMBER: 32,411  
; REFERENCE/DOCKET NUMBER: PROTEO.P03CI  
; TELEPHONE: (206) 343-7074  
; TELEFAX: (206) 343-7085  
; INFORMATION FOR SEQ ID NO: 37:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 42 AMINO ACIDS  
; TYPE: AMINO ACID  
; STRANDEDNESS:  
; TOPOLOGY: LINEAR  
; ORIGINAL SOURCE:  
; ORGANISM: MOUSE  
; FEATURE:  
; OTHER INFORMATION: Also referred to in the specification as "AB 1-42"  
US-09-962-955C-37



Query Match 85.4%; Score 35; DB 10; Length 42;  
Best Local Similarity 100.0%; Pred. No. 7.5;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7  
| | | | |  
Db 17 LVFFAED 23

## RESULT 78

US-09-848-616-174  
; Sequence 174, Application US/09848616  
; Publication No. US20030054010A1  
; GENERAL INFORMATION:  
; APPLICANT: Seibel, Peter  
; APPLICANT: Dunant, Nicolas  
; APPLICANT: Bachmann, Martin  
; APPLICANT: Tisot, Alain  
; APPLICANT: Lechner, Franziska  
; TITLE OF INVENTION: Molecular Antigen Array  
; FILE REFERENCE: 1700.0180002  
; CURRENT APPLICATION NUMBER: US/09/848,616  
; CURRENT FILING DATE: 2001-05-05  
; NUMBER OF SEQ ID NOS: 186  
; SOFTWARE: Patentin Ver. 2.1  
; SEQ ID NO 174  
; LENGTH: 42  
; TYPE: PRT  
; ORGANISM: Unknown  
; FEATURE:  
; OTHER INFORMATION: Amyloid Beta Peptide  
US-09-848-616-174

Query Match 85.4%; Score 35; DB 10; Length 42;  
Best Local Similarity 100.0%; Pred. No. 7.5;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7  
| | | | |  
Db 17 LVFFAED 23

## RESULT 79

US-09-865-294-65  
; Sequence 65, Application US/09865294  
; Publication No. US20030068325A1  
; GENERAL INFORMATION:  
; APPLICANT: Wang, Chang Yi  
; TITLE OF INVENTION: Immunogenic peptide composition as vaccines for the  
; TITLE OF INVENTION: prevention and treatment of Alzheimer's Disease  
; FILE REFERENCE: 1151-4167  
; CURRENT APPLICATION NUMBER: US/09/865,294  
; CURRENT FILING DATE: 2001-05-25  
; NUMBER OF SEQ ID NOS: 76  
; SOFTWARE: Patentin Ver. 2.0  
; SEQ ID NO 65  
; LENGTH: 42  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-865-294-65

Query Match 85.4%; Score 35; DB 10; Length 42;  
Best Local Similarity 100.0%; Pred. No. 7.5;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7  
| | | | |  
Db 17 LVFFAED 23

RESULT 80  
US-09-792-079-13  
; Sequence 13, Application US/09792079

; Publication No. US20030083277A1  
; GENERAL INFORMATION:  
; APPLICANT: University of Kentucky Research Foundation  
; APPLICANT: Hersh, Louis B.  
; APPLICANT: Mukherjee, Atish  
; TITLE OF INVENTION: Use Of Insulin Degrading Enzyme (IDE) For The Treatment Of Al;  
; TITLE OF INVENTION: Disease Patients  
; FILE REFERENCE: 050229-0261  
; CURRENT APPLICATION NUMBER: US/09/792,079  
; CURRENT FILING DATE: 2001-02-26  
; PRIOR APPLICATION NUMBER: 60/184,826  
; PRIOR FILING DATE: 2000-02-24  
; NUMBER OF SEQ ID NOS: 13  
; SOFTWARE: Patentin version 3.1  
; SEQ ID NO 13  
; LENGTH: 42  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-792-079-13

Query Match 85.4%; Score 35; DB 10; Length 42;  
Best Local Similarity 100.0%; Pred. No. 7.5;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7  
| | | | |  
Db 17 LVFFAED 23

## RESULT 81

US-09-825-242-1  
; Sequence 1, Application US/09825242  
; Publication No. US20030092000A1  
; GENERAL INFORMATION:  
; APPLICANT: Schenk, Dale B.  
; APPLICANT: Neuraltab Limited  
; TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease  
; FILE REFERENCE: 15270J-004720US  
; CURRENT APPLICATION NUMBER: US/09/825,242  
; CURRENT FILING DATE: 2001-04-02  
; PRIOR APPLICATION NUMBER: 09/201,430  
; PRIOR FILING DATE: 1998-11-30  
; PRIOR APPLICATION NUMBER: US 60/080,970  
; PRIOR FILING DATE: 1998-04-07  
; NUMBER OF SEQ ID NOS: 5  
; SOFTWARE: Patentin Ver. 2.1  
; SEQ ID NO 1  
; LENGTH: 42  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; FEATURE:  
; OTHER INFORMATION: human Abeta42 beta-amyloid peptide  
US-09-825-242-1

Query Match 85.4%; Score 35; DB 10; Length 42;  
Best Local Similarity 100.0%; Pred. No. 7.5;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7  
| | | | |  
Db 17 LVFFAED 23

## RESULT 82

US-09-930-915A-293  
; Sequence 293, Application US/09930915A  
; Publication No. US20030138769A1  
; GENERAL INFORMATION:  
; APPLICANT: Birkett, Ashley J.  
; TITLE OF INVENTION: IMMUNOGENIC HBC CHIMER PARTICLES HAVING ENHANCED  
; TITLE OF INVENTION: STABILITY  
; FILE REFERENCE: 4564/83501 ICC-102.2 PCT  
; CURRENT APPLICATION NUMBER: US/09/930,915A

;/ CURRENT FILING DATE: 2001-08-15  
;/ PRIOR APPLICATION NUMBER: 60/226,867  
;/ PRIOR FILING DATE: 2000-08-22  
;/ PRIOR APPLICATION NUMBER: 60/225,843  
;/ PRIOR FILING DATE: 2000-08-16  
;/ NUMBER OF SEQ ID NOS: 313  
;/ SOFTWARE: PatentIn Ver. 2.1  
;/ SEQ ID NO 293  
;/ LENGTH: 42  
;/ TYPE: PRT  
;/ ORGANISM: Homo sapiens  
US-09-930-915A-293

Query Match 85.4%; Score 35; DB 10; Length 42;  
Best Local Similarity 100.0%; Pred. No. 7.5;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7  
Db 17 LVFFAED 23

RESULT 83  
US-10-337-261-2  
;/ Sequence 2, Application US/10337261  
;/ Publication No. US20040028673A1  
;/ GENERAL INFORMATION:  
;/ APPLICANT: Netzer, William  
;/ APPLICANT: Greengard, Paul  
;/ APPLICANT: Xu, Huaxi  
;/ TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR PREVENTION AND TREATMENT OF AMYLOID-  
;/ TITLE OF INVENTION: PEPTIDE RELATED DISORDERS  
;/ FILE REFERENCE: 11181-014-999  
;/ CURRENT APPLICATION NUMBER: US/10/337,261  
;/ CURRENT FILING DATE: 2003-01-06  
;/ PRIOR APPLICATION NUMBER: 60/345,009  
;/ PRIOR FILING DATE: 2002-01-04  
;/ NUMBER OF SEQ ID NOS: 2  
;/ SOFTWARE: PatentIn version 3.0  
;/ SEQ ID NO 2  
;/ LENGTH: 42  
;/ TYPE: PRT  
;/ ORGANISM: Homo sapiens  
US-10-337-261-2

Query Match 85.4%; Score 35; DB 12; Length 42;  
Best Local Similarity 100.0%; Pred. No. 7.5;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7  
Db 17 LVFFAED 23

RESULT 84  
US-10-363-082-1  
;/ Sequence 1, Application US/10363082  
;/ Publication No. US20040029279A1  
;/ GENERAL INFORMATION:  
;/ APPLICANT: American Cyanamid Company  
;/ TITLE OF INVENTION: Packaging of positive-strand RNA virus replicon  
;/ TITLE OF INVENTION: particles  
;/ FILE REFERENCE: 01142-0200-00304  
;/ CURRENT APPLICATION NUMBER: US/10/363,082  
;/ CURRENT FILING DATE: 2003-02-27  
;/ PRIOR APPLICATION NUMBER: 60/228,906  
;/ PRIOR FILING DATE: 2000-08-29  
;/ NUMBER OF SEQ ID NOS: 3  
;/ SOFTWARE: PatentIn Ver. 2.1  
;/ SEQ ID NO 1  
;/ LENGTH: 42  
;/ TYPE: PRT  
;/ ORGANISM: Homo sapiens

US-10-363-082-1

Query Match 85.4%; Score 35; DB 12; Length 42;  
Best Local Similarity 100.0%; Pred. No. 7.5;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7  
Db 17 LVFFAED 23

RESULT 85  
US-10-051-496-2  
;/ Sequence 2, Application US/10051496  
;/ Publication No. US20020182660A1  
;/ GENERAL INFORMATION:  
;/ APPLICANT: Kel-Lai L. Fong  
;/ TITLE OF INVENTION: N- and C-Terminus Specific Immunoassays for  
;/ Full Length Beta-Amyloid Peptide - Abeta(1-40), Abeta(1-  
;/ Abeta(1-41), Abeta(1-42) and Abeta(1-43)  
;/ NUMBER OF SEQUENCES: 5  
;/ CORRESPONDENCE ADDRESS:  
;/ ADDRESS: Kel-Lai L. Fong  
;/ STREET: 1004 West 8th Avenue  
;/ CITY: King of Prussia  
;/ STATE: Pennsylvania  
;/ COUNTRY: USA  
;/ ZIP: 19406  
;/ COMPUTER READABLE FORM:  
;/ MEDIUM TYPE: 3.50 inch, 1.44MB storage  
;/ COMPUTER: IBM PC Compatibles  
;/ OPERATING SYSTEM: Windows  
;/ SOFTWARE: MS NO. US20020182660A1epad  
;/ CURRENT APPLICATION DATA:  
;/ APPLICATION NUMBER: US/10/051,496  
;/ FILING DATE: 18-Jan-2002  
;/ CLASSIFICATION: <Unknown>  
;/ PRIOR APPLICATION DATA:  
;/ APPLICATION NUMBER: US/09/784,854A  
;/ FILING DATE: 16-Feb-2001  
;/ APPLICATION NUMBER: 60/183,407  
;/ FILING DATE: 18-February-2000  
;/ ATTORNEY/AGENT INFORMATION:  
;/ NAME: Koenig, C. Frederick III  
;/ REGISTRATION NUMBER: 29,662  
;/ REFERENCE/DOCKET NUMBER: PBI-PT001.1  
;/ TELECOMMUNICATION INFORMATION:  
;/ TELEPHONE: (215) 568-6400  
;/ TELEFAX: (215) 568-6499  
;/ INFORMATION FOR SEQ ID NO: 2:  
;/ SEQUENCE CHARACTERISTICS:  
;/ LENGTH: 42 Amino Acid  
;/ TYPE: Amino Acid  
;/ TOPOLOGY: Linear  
;/ MOLECULE TYPE: Protein  
;/ FEATURE:  
;/ NAME/KEY: Signal Sequence  
;/ LOCATION: 1-42  
;/ IDENTIFICATION METHOD: Similarity to other sequences, hydro-phobic  
;/ OTHER INFORMATION:  
;/ PUBLICATION INFORMATION:  
;/ AUTHORS:  
;/ TITLE:  
;/ JOURNAL:  
;/ VOLUME:  
;/ ISSUE:  
;/ PAGES:  
;/ DATE:  
;/ RELEVANT RESIDUES IN SEQ ID NO: 2: FROM 1-42  
;/ SEQUENCE DESCRIPTION: SEQ ID NO: 2:  
US-10-051-496-2  
Query Match 85.4%; Score 35; DB 13; Length 42;

Best Local Similarity 100.0%; Pred. No. 7.5;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7  
Db 17 LVFFAED 23

## RESULT 86

US-10-082-804-7  
; Sequence 7, Application US/10082804  
; Publication No. US20020194632A1  
; GENERAL INFORMATION:  
; APPLICANT: McConlogue, Lisa  
; APPLICANT: Gurney, Mark E.  
; TITLE OF INVENTION: Transgenic Knockouts of BACE-1  
; FILE REFERENCE: MBHB 02-329-A  
; CURRENT APPLICATION NUMBER: US/10/082,804  
; PRIOR FILING DATE: 2002-02-22  
; PRIOR APPLICATION NUMBER: 60/271,092  
; PRIOR FILING DATE: 2001-02-23  
; PRIOR APPLICATION NUMBER: 60/271,514  
; PRIOR FILING DATE: 2001-02-26  
; PRIOR APPLICATION NUMBER: 60/293,762  
; PRIOR FILING DATE: 2001-05-25  
; NUMBER OF SEQ ID NOS: 7  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 7  
; LENGTH: 42  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; FEATURE:  
; OTHER INFORMATION: A-beta 42 sequence.  
US-10-082-804-7

Query Match 85.4%; Score 35; DB 13; Length 42;  
Best Local Similarity 100.0%; Pred. No. 7.5;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7  
Db 17 LVFFAED 23

## RESULT 87

US-10-217-584-2  
; Sequence 2, Application US/10217584  
; Publication No. US20030077261A1  
; GENERAL INFORMATION:  
; APPLICANT: Paris, Daniel  
; APPLICANT: Mulian, Michael  
; TITLE OF INVENTION: Modulation of Angiogenesis by A-Beta Peptides  
; FILE REFERENCE: USF-T161XC1  
; CURRENT APPLICATION NUMBER: US/10/217,584  
; PRIOR FILING DATE: 2002-08-12  
; PRIOR APPLICATION NUMBER: 60/311,656  
; PRIOR FILING DATE: 2001-08-10  
; NUMBER OF SEQ ID NOS: 11  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 2  
; LENGTH: 42  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: PEPTIDE  
; LOCATION: (1)..(42)  
; OTHER INFORMATION: A-beta 1-42 peptide  
US-10-217-584-2

Query Match 85.4%; Score 35; DB 14; Length 42;  
Best Local Similarity 100.0%; Pred. No. 7.5;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7  
Db 17 LVFFAED 23

## RESULT 88

US-10-169-580-2  
; Sequence 2, Application US/10169580  
; Publication No. US20030100477A1  
; GENERAL INFORMATION:  
; APPLICANT: Yamanouchi Pharmaceutical Co., Ltd.  
; TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS FOR SUPPRESSING B-AMYLOID PRODUCT  
; FILE REFERENCE: Q70898  
; CURRENT APPLICATION NUMBER: US/10/169,580  
; PRIOR FILING DATE: 2002-07-08  
; PRIOR APPLICATION NUMBER: 2000-131037  
; PRIOR FILING DATE: 2000-04-28  
; PRIOR APPLICATION NUMBER: PCT/JP01/03555  
; PRIOR FILING DATE: 2001-04-25  
; NUMBER OF SEQ ID NOS: 21  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 2  
; LENGTH: 42  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-169-580-2

Query Match 85.4%; Score 35; DB 14; Length 42;  
Best Local Similarity 100.0%; Pred. No. 7.5;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7  
Db 17 LVFFAED 23

## RESULT 89

US-10-278-181-1  
; Sequence 1, Application US/10278181  
; Publication No. US20030104488A1  
; GENERAL INFORMATION:  
; APPLICANT: Chojkier, Mario  
; APPLICANT: Buck, Martina  
; TITLE OF INVENTION: Compositions and Methods for Diagnosing Alzheimer's  
; FILE REFERENCE: CHOJKIER-04302  
; CURRENT APPLICATION NUMBER: US/10/278,181  
; PRIOR FILING DATE: 2002-10-21  
; PRIOR APPLICATION NUMBER: US/09/731,460  
; PRIOR FILING DATE: 2000-12-07  
; NUMBER OF SEQ ID NOS: 1  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 1  
; LENGTH: 42  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-10-278-181-1

Query Match 85.4%; Score 35; DB 14; Length 42;  
Best Local Similarity 100.0%; Pred. No. 7.5;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7  
Db 17 LVFFAED 23

## RESULT 90

US-10-143-534-2  
; Sequence 2, Application US/10143534  
; Publication No. US20030105152A1

```
/ GENERAL INFORMATION:
/ APPLICANT: Ingram, Vernon M.
/ APPLICANT: Blanchard, Barbara J.
/ APPLICANT: Stockwell, Brent R.
/ TITLE OF INVENTION: TREATMENTS FOR NEUROTOXICITY IN ALZHEIMER'S DISEASE
/ FILE REFERENCE: M00656/70078
/ CURRENT APPLICATION NUMBER: US/10/143,534
/ CURRENT FILING DATE: 2002-05-10
/ PRIOR APPLICATION NUMBER: US 10/051,663
/ PRIOR FILING DATE: 2002-01-18
/ PRIOR APPLICATION NUMBER: US 09/706,574
/ PRIOR FILING DATE: 2000-11-03
/ NUMBER OF SEQ ID NOS: 3
/ SOFTWARE: PatentIn Version 3.0
/ SEQ ID NO 2
/ LENGTH: 42
/ TYPE: PRT
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Peptide
US-10-143-534-2
```

```
Query Match      85.4%; Score 35; DB 14; Length 42;
Best Local Similarity 100.0%; Pred. No. 7.5;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 LVFFAED 7
      |||||
Db      17 LVFFAED 23
```

```
RESULT 91
US-10-190-548A-1
/ Sequence 1, Application US/10190548A
/ Publication No. US20030109435A1
/ GENERAL INFORMATION:
/ APPLICANT: Griewold Premer, Irene
/ APPLICANT: Wright, Sarah
/ APPLICANT: Yednock, Theodore
/ APPLICANT: Rydel, Russell
/ TITLE OF INVENTION: Methods of Inhibiting Amyloid Toxicity
/ FILE REFERENCE: 08576.0030-00
/ CURRENT APPLICATION NUMBER: US/10/190,548A
/ CURRENT FILING DATE: 2002-12-09
/ NUMBER OF SEQ ID NOS: 5
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 1
/ LENGTH: 42
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-10-190-548A-1
```

```
Query Match      85.4%; Score 35; DB 14; Length 42;
Best Local Similarity 100.0%; Pred. No. 7.5;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      1 LVFFAED 7
      |||||
Db      17 LVFFAED 23
```

```
RESULT 92
US-10-051-663-2
/ Sequence 2, Application US/10051663
/ Publication No. US20030114510A1
/ GENERAL INFORMATION:
/ APPLICANT: Ingram, Vernon M.
/ APPLICANT: Blanchard, Barbara J.
/ APPLICANT: Stockwell, Brent R.
/ TITLE OF INVENTION: TREATMENTS FOR NEUROTOXICITY IN ALZHEIMER'S DISEASE
/ FILE REFERENCE: M0656/7071
/ CURRENT APPLICATION NUMBER: US/10/051,663
/ CURRENT FILING DATE: 2002-01-18
```

```
/ PRIOR APPLICATION NUMBER: US 09/706,574
/ PRIOR FILING DATE: 2000-11-03
/ NUMBER OF SEQ ID NOS: 3
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 2
/ LENGTH: 42
/ TYPE: PRT
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Peptide
US-10-051-663-2
```

```
Query Match      85.4%; Score 35; DB 14; Length 42;
Best Local Similarity 100.0%; Pred. No. 7.5;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 LVFFAED 7
      |||||
Db      17 LVFFAED 23
```

```
RESULT 93
US-10-159-279-13
/ Sequence 13, Application US/10159279
/ Publication No. US20030165481A1
/ GENERAL INFORMATION:
/ APPLICANT: University of Kentucky Research Foundation
/ APPLICANT: Hersh, Louis B.
/ APPLICANT: Mukherjee, Atish
/ TITLE OF INVENTION: Use Of Insulin Degrading Enzyme (IDE) For The Treatment Of Alz
/ FILE REFERENCE: 050229-0298
/ CURRENT APPLICATION NUMBER: US/10/159,279
/ CURRENT FILING DATE: 2002-06-03
/ PRIOR APPLICATION NUMBER: 60/184,826
/ PRIOR FILING DATE: 2000-02-24
/ PRIOR APPLICATION NUMBER: 09/792,079
/ PRIOR FILING DATE: 2001-02-26
/ NUMBER OF SEQ ID NOS: 13
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 13
/ LENGTH: 42
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-10-159-279-13
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Query Match      85.4%; Score 35; DB 14; Length 42;
Best Local Similarity 100.0%; Pred. No. 7.5;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY      1 LVFFAED 7
      |||||
Db      17 LVFFAED 23
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RESULT 94
US-10-318-302-4
/ Sequence 4, Application US/10318302
/ Publication No. US20030171556A1
/ GENERAL INFORMATION:
/ APPLICANT: POSCO
/ APPLICANT: POSTECH FOUNDATION
/ APPLICANT: Chae, Chi-Bom
/ APPLICANT: Cho, Yong Song
/ APPLICANT: Yang, Seung-Pil
/ APPLICANT: Kwon, Byung Oh
/ APPLICANT: Bae, Dong-Goo
/ APPLICANT: Hwang, Sewook
/ TITLE OF INVENTION: BETA-AMYLOID BINDING FACTORS AND INHIBITORS THEREOF
/ FILE REFERENCE: 10011-00001
/ CURRENT APPLICATION NUMBER: US/10/318,302
/ CURRENT FILING DATE: 2002-12-12
/ NUMBER OF SEQ ID NOS: 5
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; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 42
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-318-302-4
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Query Match      85.4%; Score 35; DB 14; Length 42;
Best Local Similarity 100.0%; Pred. No. 7.5;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY      1 LVFFAED 7
         |||||
Db      17 LVFFAED 23
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RESULT 95
US-10-050-902-220
; Sequence 220, Application US/10050902
; Publication No. US20030175290A1
; GENERAL INFORMATION:
; APPLICANT: Renner, Wolfgang A.
; APPLICANT: Bachmann, Martin
; APPLICANT: Tisbot, Alain
; APPLICANT: Maurer, Patrick
; APPLICANT: Lechner, Franziska
; APPLICANT: Sebbel, Peter
; APPLICANT: Piossek, Christine
; TITLE OF INVENTION: Molecular Antigen Array
; FILE REFERENCE: 1700.0190004
; CURRENT APPLICATION NUMBER: US/10/050,902
; PRIOR FILING DATE: 2002-01-18
; PRIOR APPLICATION NUMBER: US 60/262,379
; PRIOR FILING DATE: 2001-01-19
; PRIOR APPLICATION NUMBER: US 60/288,549
; PRIOR FILING DATE: 2001-05-04
; PRIOR APPLICATION NUMBER: US 60/326,998
; PRIOR FILING DATE: 2001-10-05
; PRIOR APPLICATION NUMBER: US 60/331,045
; PRIOR FILING DATE: 2001-11-07
; NUMBER OF SEQ ID NOS: 350
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 220
; LENGTH: 42
; TYPE: PRT
; ORGANISM: Amyloid Beta Peptide
US-10-050-902-220
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Query Match      85.4%; Score 35; DB 14; Length 42;
Best Local Similarity 100.0%; Pred. No. 7.5;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY      1 LVFFAED 7
         |||||
Db      17 LVFFAED 23
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RESULT 96
US-10-050-898-220
; Sequence 220, Application US/10050898
; Publication No. US20030175711A1
; GENERAL INFORMATION:
; APPLICANT: Renner, Wolfgang A.
; APPLICANT: Bachmann, Martin
; APPLICANT: Tisbot, Alain
; APPLICANT: Maurer, Patrick
; APPLICANT: Lechner, Franziska
; APPLICANT: Sebbel, Peter
; APPLICANT: Piossek, Christine
; APPLICANT: Ortman, Rainer
; APPLICANT: Luond, Rainer
; APPLICANT: Staufenbiel, Matthias
; APPLICANT: Frey, Peter
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; TITLE OF INVENTION: Molecular Antigen Array
; FILE REFERENCE: 1700.0190005
; CURRENT APPLICATION NUMBER: US/10/050,898
; PRIOR FILING DATE: 2002-01-18
; PRIOR APPLICATION NUMBER: US 60/262,379
; PRIOR FILING DATE: 2001-01-19
; PRIOR APPLICATION NUMBER: US 60/288,549
; PRIOR FILING DATE: 2001-05-04
; PRIOR APPLICATION NUMBER: US 60/326,998
; PRIOR FILING DATE: 2001-10-05
; PRIOR APPLICATION NUMBER: US 60/331,045
; PRIOR FILING DATE: 2001-11-07
; NUMBER OF SEQ ID NOS: 350
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 220
; LENGTH: 42
; TYPE: PRT
; ORGANISM: Amyloid Beta Peptide
US-10-050-898-220
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Query Match      85.4%; Score 35; DB 14; Length 42;
Best Local Similarity 100.0%; Pred. No. 7.5;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY      1 LVFFAED 7
         |||||
Db      17 LVFFAED 23
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RESULT 97
US-10-082-014-81
; Sequence 81, Application US/10082014
; Publication No. US20030185858A1
; GENERAL INFORMATION:
; APPLICANT: Birkett, Ashley J.
; TITLE OF INVENTION: IMMUNOGENIC HBC CHIMER PARTICLES STABILIZED WITH AN N-TERMINAL
; FILE REFERENCE: ICC-130.0 4564/85124
; CURRENT APPLICATION NUMBER: US/10/082,014
; PRIOR FILING DATE: 2002-02-22
; PRIOR APPLICATION NUMBER: 09/930,915
; PRIOR FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 290
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 81
; LENGTH: 42
; TYPE: PRT
; ORGANISM: Alzheimer's disease b-Amyloid
US-10-082-014-81
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Query Match      85.4%; Score 35; DB 14; Length 42;
Best Local Similarity 100.0%; Pred. No. 7.5;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY      1 LVFFAED 7
         |||||
Db      17 LVFFAED 23
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RESULT 98
US-10-372-076-82
; Sequence 82, Application US/10372076
; Publication No. US20030198645A1
; GENERAL INFORMATION:
; APPLICANT: Friede, Mark
; APPLICANT: Friede, Martin
; TITLE OF INVENTION: STABILIZED HBC CHIMER PARTICLES AS THERAPEUTIC VACCINE FOR
; FILE REFERENCE: 4564/87179
; CURRENT APPLICATION NUMBER: US/10/372,076
; PRIOR FILING DATE: 2003-02-21
; PRIOR APPLICATION NUMBER: 10/080,299
; PRIOR FILING DATE: 2002-02-21
; PRIOR APPLICATION NUMBER: 10/082,014
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; PRIOR FILING DATE: 2002-02-22  
 ; NUMBER OF SEQ ID NOS: 308  
 ; SOFTWARE: PatentIn version 3.2  
 ; SEQ ID NO 82  
 ; LENGTH: 42  
 ; TYPE: PRT  
 ; ORGANISM: Alzheimer's disease b-Amyloid  
 ; US-10-372-076-82

Query Match 85.4%; Score 35; DB 14; Length 42;  
 Best Local Similarity 100.0%; Pred. No. 7.5;  
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7  
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 Db 17 LVFFAED 23

RESULT 99  
 US-10-231-298B-15  
 ; Sequence 15, Application US/10231298B  
 ; Publication No. US20030219853A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Chou, Szu-Yi  
 ; TITLE OF INVENTION: Method of Cross-Linking a Compound  
 ; FILE REFERENCE: SAMG/0006  
 ; CURRENT APPLICATION NUMBER: US/10/231,298B  
 ; PRIOR FILING DATE: 2002-08-28  
 ; PRIOR APPLICATION NUMBER: 60/361,166  
 ; PRIOR FILING DATE: 2002-03-01  
 ; PRIOR APPLICATION NUMBER: 60/363,445  
 ; PRIOR FILING DATE: 2002-03-08  
 ; NUMBER OF SEQ ID NOS: 16  
 ; SOFTWARE: PatentIn version 3.1  
 ; SEQ ID NO 15  
 ; LENGTH: 42  
 ; TYPE: PRT  
 ; ORGANISM: Homo sapiens  
 ; US-10-231-298B-15

Query Match 85.4%; Score 35; DB 15; Length 42;  
 Best Local Similarity 100.0%; Pred. No. 7.5;  
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7  
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 Db 17 LVFFAED 23

RESULT 100  
 US-10-231-470C-15  
 ; Sequence 15, Application US/10231470C  
 ; Publication No. US20030219857A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Chou, Szu-Yi  
 ; TITLE OF INVENTION: Method Of Producing Transglutaminase Having Broad Substrate  
 ; FILE REFERENCE: SAMG/0003  
 ; CURRENT APPLICATION NUMBER: US/10/231,470C  
 ; PRIOR FILING DATE: 2002-08-28  
 ; PRIOR APPLICATION NUMBER: 60/361,166  
 ; PRIOR FILING DATE: 2002-03-01  
 ; PRIOR APPLICATION NUMBER: 60/363,445  
 ; PRIOR FILING DATE: 2002-03-08  
 ; NUMBER OF SEQ ID NOS: 16  
 ; SOFTWARE: PatentIn version 3.1  
 ; SEQ ID NO 15  
 ; LENGTH: 42  
 ; TYPE: PRT  
 ; ORGANISM: Homo sapiens  
 ; US-10-231-470C-15

Query Match 85.4%; Score 35; DB 15; Length 42;

Best Local Similarity 100.0%; Pred. No. 7.5;  
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVFFAED 7  
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 Db 17 LVFFAED 23

Search completed: March 18, 2004, 08:03:03  
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